For Research Use Only

ISLR Polyclonal antibody Catalog Number:24306-1-AP

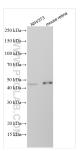


events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in so organs, including the heart, pancreas, and bone marrow. ISLR, also known as meflin, is a newly discovered to the senescence of the senescenc	Basic Information	Catalog Number: 24306-1-AP	GenBank Accession Number: BC022478	Purification Method: Antigen affinity purification	
Source: 0.1490 Rabbit Full Name: Isotype: Immunoglobulin superfamily IgG containing leucine-rich repeat Immunogen Catalog Number: Calculated MW: AG19446 Qbserved MW: 44-46 kDa Observed MW: 44-46 kDa Positive Controls: WB, IHC, IF/ICC, ELISA WB: NIH/3T3 cells, rat thyroid gland tissue, n retina tissue retina tissue Mote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate IHC: mouse skeletal muscle tissue, Background Information The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biolo organs, including the heart, pancreas, and bone marva. Stad servered fibroblasts in so organs, including the heart, pancreas, and bone marva. Storage Storage Storage Mifer: Storage Bifer: Storage Mifer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3		150ul , Concentration: 800 ug/ml by Nanodrop; Source:	3671 UNIPROT ID: 014498	WB 1:500-1:1000 IHC 1:50-1:500	
IgG containing leucine-rich repeat Immunogen Catalog Number: Calculated MW: AG19446 428 aa, 46 kDa Observed MW: 44-46 kDa Applications: Positive Controls: WB, IHC, IF/ICC, ELISA WB; NIH/3T3 cells, rat thyroid gland tissue, m species Specificity: retina tissue mouse IHC: mouse skeletal muscle tissue, Note-IHC: suggested antigen retrieval with IF/ICC : A549 cells, SH-SYSY cells Background Information The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biolog organs, including the heart, pancreas, and bone marrow. ISLR, also known as meftin, is a newly discovered mesenchymal stem cells, which is involved in pathological fibrosis and the cancer microenvironment. (PM 34713300) Storage Storage: Storage Buffer: Post with 0.02% sodium azide and 50% glycerol, pH7.3					
AG19446 428 a, 46 kDa Observed MW: 44-46 kDa Applications Tested Applications: WB, IHC, IF/ICC, ELISA WB: NIH/3T3 cells, rat thyroid gland tissue, m species Specificity: retina tissue mouse IHC : mouse skeletal muscle tissue, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biolo events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in so organs, including the heart, pancreas, and bone marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR, also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in marrow. ISLR also known as meftin, is a newly discovered in ma			a 1 <i>j</i>		
44-46 kDa Applications Tested Applications: WB, IHC, IF/ICC, ELISA Species Specificity: mouse Positive Controls: WB: NIH/3T3 cells, rat thyroid gland tissue, m retina tissue Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 IHC : mouse skeletal muscle tissue, IF/ICC : A549 cells, SH-SYSY cells Background Information The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biolog events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in so organs, including the heart, pancreas, and bone marrow. ISLR, also known as meEnly is a newly discovered i mesenchymal stem cells, which is involved in pathological fibrosis and the cancer microenvironment. (PM 34713300) Storage: Storage Storage: Storage Hifer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3		U U			
WB, IHC, IF/ICC, ELISA WB, IHC, IF/ICC, ELISA WB: NIH/3T3 cells, rat thyroid gland tissue, m Species Specificity: retina tissue IHC : mouse skeletal muscle tissue, Mote-IHC: suggested antigen retrieval with IHC : mouse skeletal muscle tissue, IF/ICC: A549 cells, SH-SY5Y cells Background Information The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biological fibrosis and the cancer microenvironment. (PM 34713300) Storage Storage: Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3 PR.3					
Species Specificity: www.situation is been by the image of the	Applications				
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 IF/ICC: A549 cells, SH-SY5Y cells Background Information The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biolo events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in so organs, including the heart, pancreas, and bone marrow. ISLR, also known as meftin, is a newly discovered in mesenchymal stem cells, which is involved in pathological fibrosis and the cancer microenvironment. (PM 34713300) Storage: Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3					
TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 IF/ICC : A549 cells, SH-SYSY cells Background Information The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biolo events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in so organs, including the heart, pancreas, and bone marrow. ISLR, also known as meflin, is a newly discovered i mesenchymal stem cells, which is involved in pathological fibrosis and the cancer microenvironment. (PM 34713300) Storage Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3		mouse	IHC : m	ouse skeletal muscle tissue,	
Storage Storage: Storage Storage Storage: Storage Storage		TE buffer pH 9.0; (*) Alternati retrieval may be performed w	vely, antigen	: A549 cells, SH-SY5Y cells	
Store at -20 C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3	Background Information	The Immunoglobulin superfamily containing leucine-rich repeat protein(ISLR), is involved in various biological events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in some organs, including the heart, pancreas, and bone marrow. ISLR, also known as meflin, is a newly discovered marker of mesenchymal stem cells, which is involved in pathological fibrosis and the cancer microenvironment. (PMID: 34713300)			
Aliquoting is unnecessary for -20°C storage	Storage	Store at -20°C. Stable for one year aft Storage Buffer:	•		
*** 20ul sizes contain 0.1% BSA	*** 20.1 sizes contain 0.1% PSA	Aliquoting is unnecessary for -20 $^{\circ}$ C s	storage		

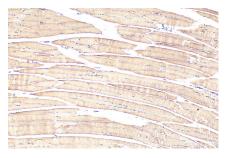
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

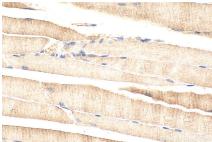
Selected Validation Data



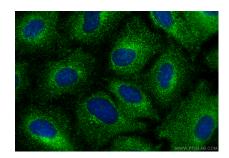
Various lysates were subjected to SDS PAGE followed by western blot with 24306-1-AP (ISLR antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded mouse skeletal muscle tissue slide using 24306-1-AP (ISLR antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse skeletal muscle tissue slide using 24306-1-AP (ISLR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using ISLR antibody (24306-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).