

For Research Use Only

MYOF Polyclonal antibody

Catalog Number: 19548-1-AP **2 Publications**



Basic Information

Catalog Number: 19548-1-AP	GenBank Accession Number: NM_133337	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26509	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9NZM1	
Isotype: IgG	Full Name: myoferlin	
	Calculated MW: 235 kDa	
	Observed MW: 235-250 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : A549 cells, human placenta tissue, HeLa cells IHC : human placenta tissue, IF/ICC : HepG2 cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

MYOF, also named as FER1L3 and KIAA1207, belongs to the ferlin family. MYOF is a calcium/phospholipid-binding protein that plays a role in the plasmalemma repair mechanism of endothelial cells that permits rapid resealing of membranes disrupted by mechanical stress. It is involved in endocytic recycling. MYOF is implicated in VEGF signal transduction by regulating the levels of the receptor KDR. The antibody can recognize all the 8 isoforms of MYOF.

Notable Publications

Author	Pubmed ID	Journal	Application
Yanqing Zhou	27432471	J Proteomics	WB
Xuwen Chen	38232462	Eur J Med Chem	WB

Storage

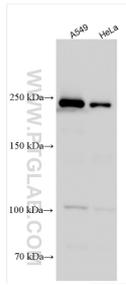
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

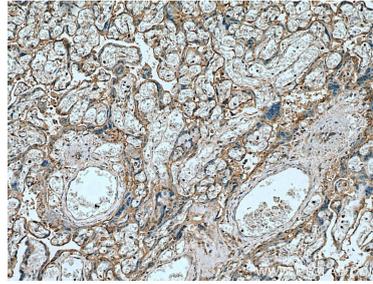
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

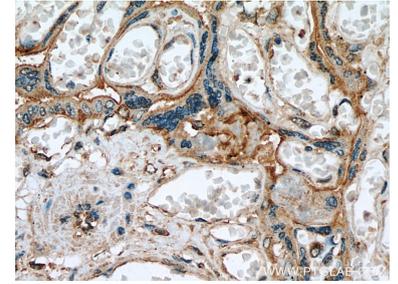
Selected Validation Data



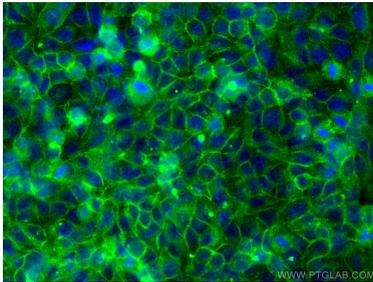
Various lysates were subjected to SDS PAGE followed by western blot with 19548-1-AP (MYOF antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 19548-1-AP (Myoferlin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 19548-1-AP (Myoferlin 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 Ethanol) fixed HepG2 cells using Myoferlin antibody (19548-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).