

For Research Use Only

LRRC47 Polyclonal antibody

Catalog Number: 23217-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

23217-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19736

GenBank Accession Number:

BC031301

GeneID (NCBI):

57470

UNIPROT ID:

Q8N1G4

Full Name:

leucine rich repeat containing 47

Calculated MW:

583 aa, 63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, CoIP

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : mouse liver tissue, LO2 cells, Neuro-2a cells, NIH/3T3 cells, rat liver tissue

IHC : human pancreas tissue,

IF/ICC : LO2 cells,

Background Information

LRRC47 enables RNA binding activity. It is predicted to be involved in phenylalanyl-tRNA aminoacylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Michael Ameismeier	33208940	Nature	WB
James A Saba	37961604	bioRxiv	WB
Eric Hendricks	37590144	Cell Rep	WB, CoIP, IHC

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

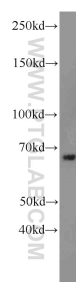
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

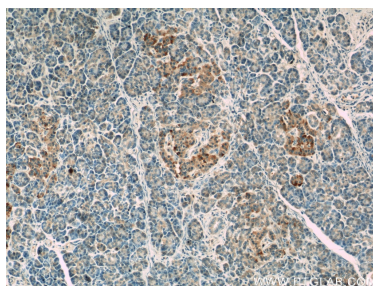
E: proteintech@ptglab.com
W: ptglab.com

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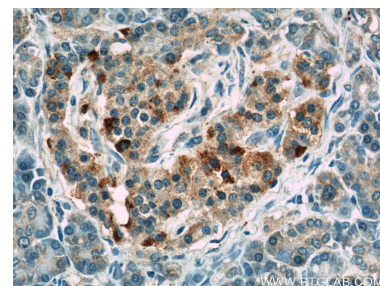
Selected Validation Data



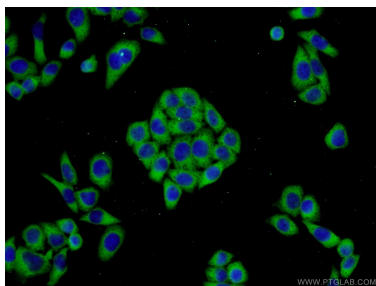
mouse liver tissue were subjected to SDS PAGE followed by western blot with 23217-1-AP (LRRC47 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas slide using 23217-1-AP (LRRC47 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human pancreas slide using 23217-1-AP (LRRC47 Antibody) at dilution of 1:50.



Immunofluorescent analysis of L02 cells using 23217-1-AP (LRRC47 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).