For Research Use Only

MYOF Polyclonal antibody

Catalog Number:19548-1-AP 2 Publications

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Basic Information

Catalog Number:
19548-1-AP

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_133337

GeneID (NCBI):
26509

UNIPROT ID:
Q9NZM1

Full Name:
myoferlin

Calculated MW:
235 kDa

Observed MW:
235-250 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:1000-1:4000
IHC: 1:50-1:500
IF/ICC: 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

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

Positive Controls:

WB : A549 cells, human placenta tissue, HeLa cells

IHC : human placenta tissue,

IF/ICC : HepG2 cells,

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

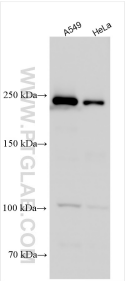
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

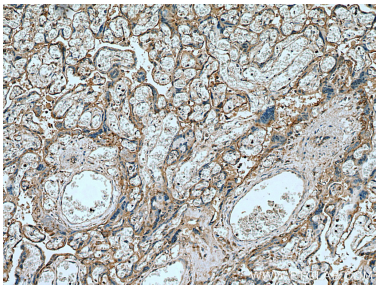
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

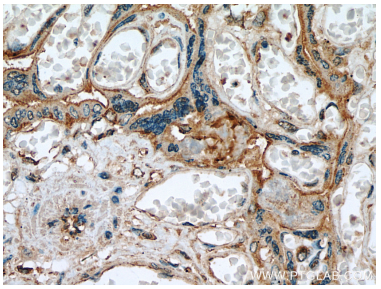
Selected Validation Data



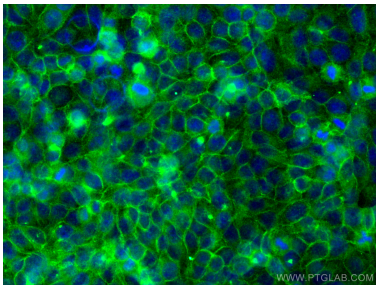
Various lysates were subjected to SDS PAGE followed by western blot with 19548-1-AP (MYOF antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).