Datasheet for ABIN7101638

anti-CX3CL1 antibody

4 Images

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Overview

Quantity:	20 µL
Target:	CX3CL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CX3CL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human PMP70/ABCD3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CX3CL1
Alternative Name:	ABCD3 (CX3CL1 Products)
Background:	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular

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Target Details

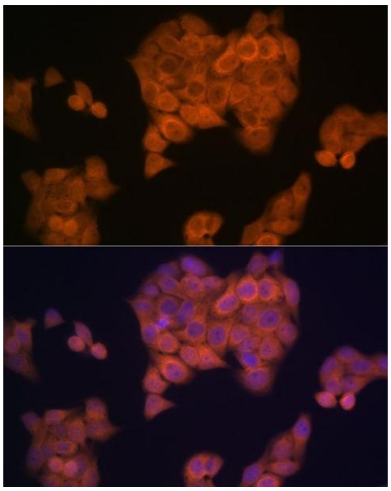
	membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. This peroxisomal membrane protein likely plays an important role in peroxisome biogenesis. Mutations have been associated with some forms of Zellweger syndrome, a heterogeneous group of peroxisome assembly disorders. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008],ABC43, CBAS5, PMP70, PXMP1, ZWS2,Cancer,Endocrine & Metabolism,Lipid Metabolism,Neurodegenerative Diseases,Neurodegenerative Diseases_Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimers Disease,Neuroscience,Signal Transduction,ABCD3
Molecular Weight:	70 kDa
Gene ID:	5825
UniProt:	P28288
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

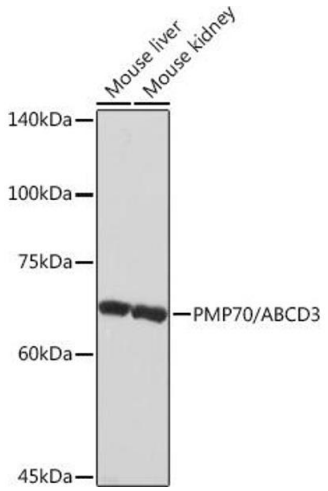
Handling

Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



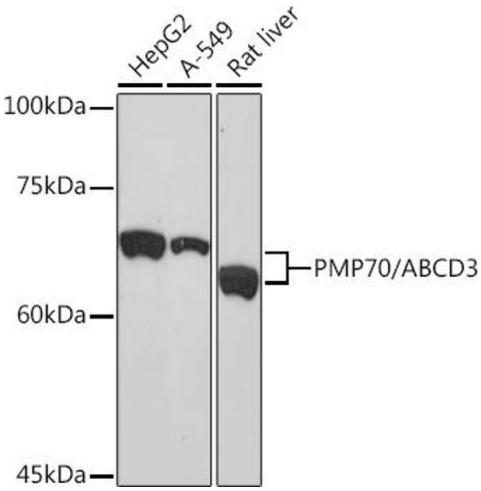
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using PMP70/ Rabbit mAb (ABIN1683181, ABIN3018647, ABIN3018648 and ABIN7101638) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PMP70/ Rabbit mAb (ABIN1683181, ABIN3018647, ABIN3018648 and ABIN7101638) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PMP70/ Rabbit mAb (ABIN1683181, ABIN3018647, ABIN3018648 and ABIN7101638) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

Please check the product details page for more images. Overall 4 images are available for ABIN7101638.