Datasheet for ABIN7101443

anti-TIMM50 antibody

6 Images

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Overview

Quantity:	20 µL
Target:	TIMM50
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TIMM50 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human TIMM50
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TIMM50
Alternative Name:	TIMM50 (TIMM50 Products)
Background:	This gene encodes a subunit of the TIM23 inner mitochondrial membrane translocase complex. The encoded protein functions as the receptor subunit that recognizes the

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Target Details

	mitochondrial targeting signal, or presequence, on protein cargo that is destined for the mitochondrial inner membrane and matrix. This protein may also play a role in maintaining the membrane permeability barrier, and knockdown of this gene in human cells results in the release of cytochrome c and apoptosis. [provided by RefSeq, Jul 2016],TIM50, TIM50L,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial metabolism_Mitochondrial Biogenesis,TIMM50
Molecular Weight:	36 kDa
Gene ID:	92609
UniProt:	Q3ZCQ8

Application Details

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

Handling

Format:	Liquid
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.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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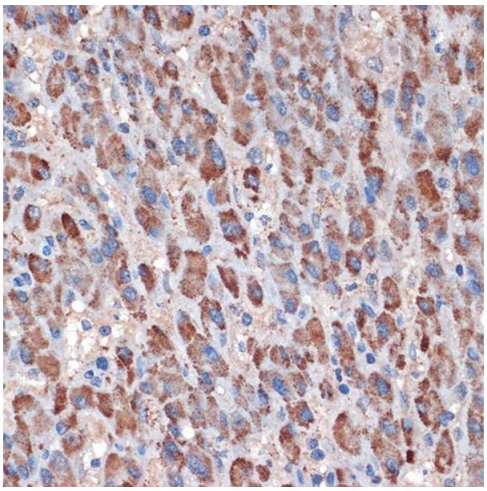
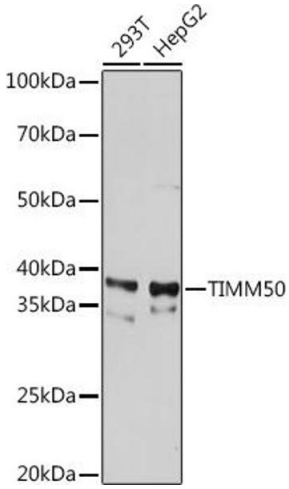


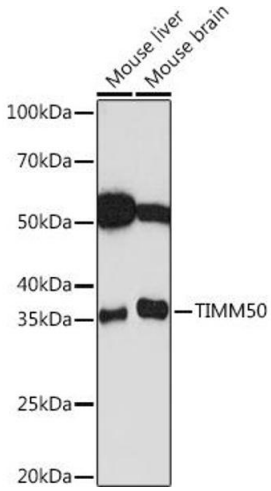
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver using TIMM50 Rabbit mAb (ABIN1513120, ABIN3022092, ABIN3022093 and ABIN7101443) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TIMM50 Rabbit mAb (ABIN1513120, ABIN3022092, ABIN3022093 and ABIN7101443) 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: 30s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using TIMM50 Rabbit mAb (ABIN1513120, ABIN3022092, ABIN3022093 and ABIN7101443) 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: 60s.

Please check the product details page for more images. Overall 6 images are available for ABIN7101443.