

TIMM50 Antibody

Rabbit mAb

Catalog # AP92258

Product Information

Application	WB, IHC
Primary Accession	Q3ZCQ8
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	TIM50; TIM50L; TIMM50;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39646

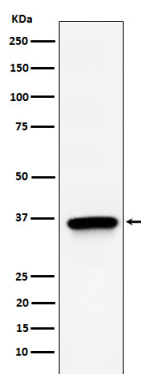
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TIMM50
Description	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	TIMM50
Synonyms	TIM50
Function	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane (PubMed: 30190335 , PubMed: 38828998). Has some phosphatase activity in vitro; however such activity may not be relevant in vivo.
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein
Tissue Location	Widely expressed. Expressed at higher level in brain, kidney and liver (at protein level)

Images



Western blot analysis of TIMM50 expression in 293T cell lysate.

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