

Anti-TIMM50 Rabbit Monoclonal Antibody

Catalog # ABO15678

Product Information

Application	WB, IHC
Primary Accession	Q3ZCQ8
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TIMM50 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	92609
Other Names	Mitochondrial import inner membrane translocase subunit TIM50, TIMM50, TIM50
Calculated MW	39646
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 22T54
Immunogen	A synthesized peptide derived from human TIMM50
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

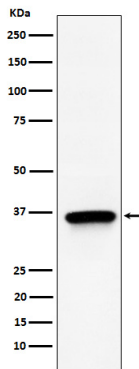
Cellular Location

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.