

TIMM50 Antibody
Rabbit mAb
Catalog # AP92258**Specification**

TIMM50 Antibody - Product Information

Application	WB, IHC
Primary Accession	O3ZCQ8
Clonality	Monoclonal
Other Names	
TIM50; TIM50L; TIMM50;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39646 Da

TIMM50 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
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.

TIMM50 Antibody - 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

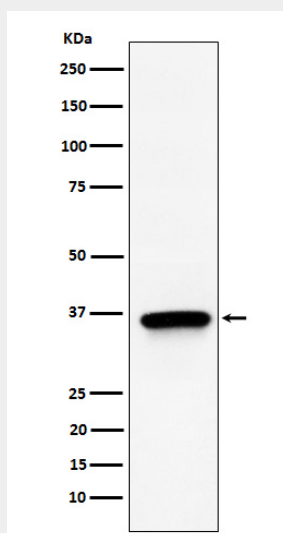
Tissue Location

Widely expressed. Expressed at higher level in brain, kidney and liver (at protein level)

TIMM50 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TIMM50 Antibody - Images

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