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TIM44 Antibody

Rabbit mAb
Catalog # AP93074

Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	O43615
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	MIMT44; TIM44;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51356

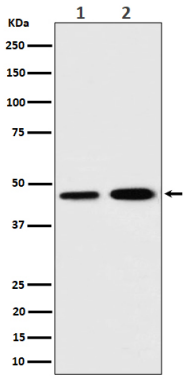
Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TIM44
Description	Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. Recruits mitochondrial HSP70 to drive protein translocation into the matrix using ATP as an energy source.
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	TIMM44
Synonyms	MIMT44, TIM44
Function	Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner (By similarity). Recruits mitochondrial HSP70 to drive protein translocation into the matrix using ATP as an energy source (By similarity).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side. Mitochondrion matrix

Images



Western blot analysis of TIM44 expression in (1) K562 cell lysate; (2) C6 cell lysate.

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