

TIMM22 Antibody

Rabbit mAb

Catalog # AP93144

Product Information

Application	WB
Primary Accession	Q9Y584
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	TEX4; TIM22;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	20031

Additional Information

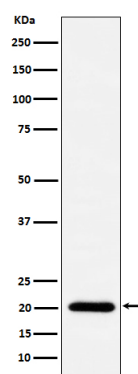
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TIMM22
Description	TIMM22 is an essential core component of the TIM22 protein insertion complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane.
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	TIMM22
Synonyms	TEX4, TIM22
Function	Essential core component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. In the TIM22 complex, it constitutes the voltage-activated and signal-gated channel. Forms a twin-pore translocase that uses the membrane potential as external driving force in 2 voltage-dependent steps (By similarity).
Cellular Location	Mitochondrion inner membrane; Multi-pass membrane protein

Images

Western blot analysis of TIMM22 expression in A431 cell



lysate.

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