

KD-Validated Anti-TIMM50 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1881

Product Information

Application	WB, FC, ICC
Primary Accession	Q3ZCQ8
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB5300
Calculated MW	39646
Gene Name	TIMM50
Aliases	TIMM50; Translocase Of Inner Mitochondrial Membrane 50; TIM50; TIM50L; Mitochondrial Import Inner Membrane Translocase Subunit TIM50; Translocase Of Inner Mitochondrial Membrane 50 Homolog (Yeast); Homolog Of Yeast Tim50; Tim50-Like Protein; MGCA9
Immunogen	A synthesized peptide derived from human TIM50

Additional Information

Gene ID	92609
Other Names	Mitochondrial import inner membrane translocase subunit TIM50, TIMM50, TIM50

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)

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