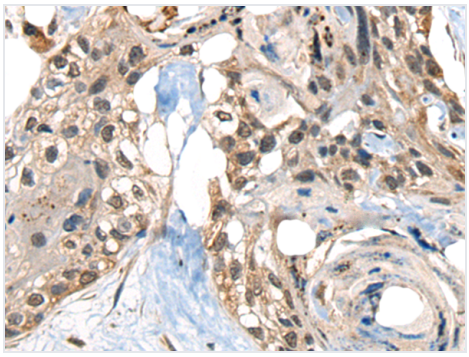
TIMM21 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TIMM21, Polyclonal Antibody
Full Product Name	TIMM21 Polyclonal Antibody
Product Gene Name	anti-TIMM21 antibody
Product Synonym Names	C18orf55; HSPC154; Mitochondrial; TI21L; TIM21-like protein; TIM21-like protein, mitochondrial; TIMM21
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.4mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	615180
3D Structure	ModBase 3D Structure for Q9BVV7
Immunogen	Fusion protein of human TIMM21
Conjugation	Unconjugated
Product Categories/Family for anti-TIMM21 antibody	Metabolism; Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TIMM21 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-TIMM21 antibody	IHC: 1:20-1:100 ELISA: 1:5000-1:10000
Related Product Information for anti-TIMM21 antibody	Participates in the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Also required for assembly of mitochondrial respiratory chain complex I and complex IV as component of some MITRAC complex, a cytochrome c oxidase (COX) assembly intermediate complex. TIM21 probably shuttles between the presequence translocase and respiratory-chain assembly intermediates in a process that promotes incorporation of early nuclear-encoded subunits into these complexes.
Other Notes	Small volumes of anti-TIMM21 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TIMM21 purchase	MBS2560448 is an antibody targeting TIMM21. Also known as TIMM21 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TIMM21 antibody
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TIMM21 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIMM21. It may not necessarily be applicable to this product.

NCBI GI #	156142176
NCBI GeneID	29090
NCBI Accession #	NP_054896.2
NCBI Related Accession #	BC000892
UniProt Primary Accession #	Q9BVV7
UniProt Related Accession #	Q9BVV7
GenBank Nucleotide #	NP_054896.2
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit Tim21
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 21
NCBI Official Symbol	TIMM21
NCBI Official Synonym Symbols	TIM21; HSPC154; C18orf55
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit Tim21
UniProt Synonym Protein Names	TIM21-like protein, mitochondrial
UniProt Gene Name	TIMM21
UniProt Synonym Gene Names	C18orf55; TIM21; HSPC154
UniProt Entry Name	TIM21_HUMAN
NCBI Protein Information	mitochondrial import inner membrane translocase subunit Tim21
Research Articles on TIMM21	**1.** TIM21 is dispensable for protein import but required for integration of early-assembling, presequence-containing subunits into respiratory-chain intermediates.
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