

Rabbit anti-Human IMMT Polyclonal Antibody | anti-IMMT antibody

IMMT Antibody

CATALOG # AAA305551	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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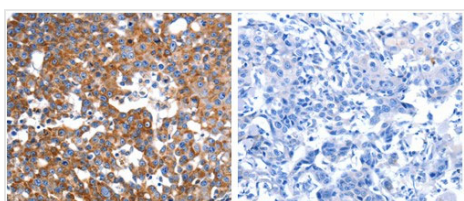
PRODUCT SYNONYMS

IMMT; Polyclonal Antibody; IMMT Antibody; inner membrane protein; mitochondrial; HMP; P87; P89; PIG4; PIG52; MINOS2; P87/89; anti-IMMT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total IMMT protein.
Form/Format	Supplied at 0.5mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	2670
Applicable Applications for anti-IMMT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a C terminal 300 amino acids of human inner membrane protein, mitochondrial
Target Name	IMMT
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 31090 (IMMT Antibody) at dilution 1/12, on the right is treated with the fusion protein.



Application Data

Gel: 8%SDS-PAGE Lane1: HeLa cell lysate Lane2: 231 cell lysate Lysates: 40 ug per lane
Primary antibody: 1/250 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-IMMT antibody	Mitochondrial inner membrane protein is a protein that in humans is encoded by the IMMT gene.IMMT has been shown to interact with BAT2.The mitochondrial inner membrane (IM) serves as the site for ATP production by hosting the oxidative phosphorylation complex machinery most notably on the crista membranes. Disruption of the crista structure has been implicated in a variety of cardiovascular and neurodegenerative diseases.
Product Categories/Family for anti-IMMT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	38197212
NCBI GeneID	10989
Molecular Weight	83,549 Da
NCBI Official Full Name	Homo sapiens inner membrane protein, mitochondrial (mitofilin), mRNA
NCBI Official Synonym Full Names	inner membrane protein, mitochondrial
NCBI Official Symbol	IMMT
NCBI Official Synonym Symbols	HMP; P87; P89; PIG4; Mic60; PIG52; MINOS2; P87/89
NCBI Protein Information	MICOS complex subunit MIC60
UniProt Protein Name	MICOS complex subunit MIC60
UniProt Gene Name	IMMT
UniProt Synonym Gene Names	HMP; MIC60; MINOS2
UniProt Entry Name	MIC60_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/immt-antibody-immunohistochemistry-western-blot-elisa/305551>