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

Rabbit anti-IMMT/Mitofilin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213065	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

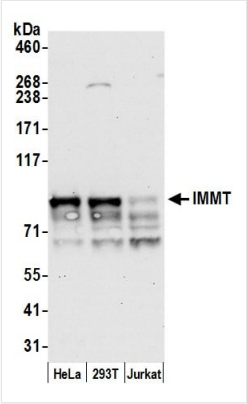
PRODUCT SYNONYMS

IMMT/Mitofilin; Polyclonal Antibody; Rabbit anti-IMMT/Mitofilin Antibody; Affinity Purified; heart muscle protein; motor protein; cell proliferation-inducing protein 52; proliferation-inducing gene 4; PIG52; PIG4; P89; P87; mitofilin; mitochondrial inner membrane protein; mitochondrial inner membrane organizing system 2; MINOS2; MICOS complex subunit MIC60; Mic60; HMP; cell proliferation-inducing gene 4/52 protein; P87/89; inner membrane mitochondrial protein; anti-IMMT antibody

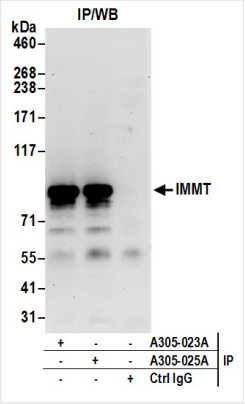
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-IMMT antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 708 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human IMMT by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-IMMT antibody AAA213065 (lot AAA213065-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human IMMT by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-IMMT antibody AAA213065 (lot AAA213065-1) used for IP at 6 ug per reaction. IMMT was also immunoprecipitated by rabbit anti-IMMT antibody For blotting immunoprecipitated IMMT, AAA213065 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-IMMT antibody	Mitofilin is a component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Mitofilin plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology [taken from NCBI Entrez Gene (Gene ID: 10989)].
Product Categories/Family for anti-IMMT antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10989
UniProt Accession #	Q16891
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-mitofilin-antibody-immunoprecipitation-western-blot-elisa/213065