

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

IMMT Antibody

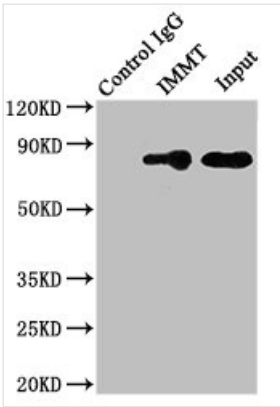
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233364	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

IMMT; Polyclonal Antibody; IMMT Antibody; MICOS complex subunit MIC60; Cell proliferation-inducing gene 4/52 protein; mitochondrial inner membrane protein; Mitofilin; p87/89; HMP; MIC60; MINOS2; PIG4; PIG52; anti-IMMT antibody

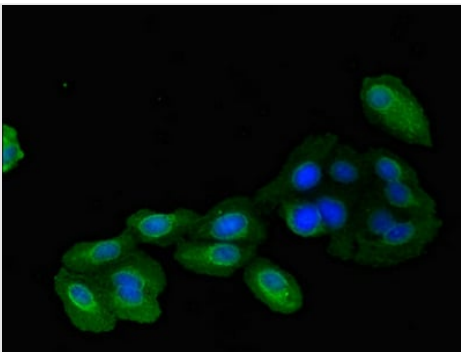
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	757
Applicable Applications for anti-IMMT antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human MICOS complex subunit MIC60 protein (76-215AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



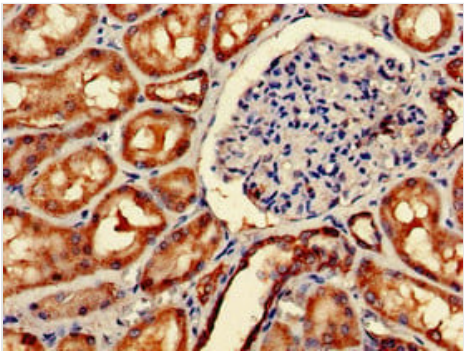
IP (Immunoprecipitation)

Immunoprecipitating IMMT in HepG2 whole cell lysateLane 1: Rabbit monoclonal IgG (1ug)instead of AAA233364 in HepG2 whole cell lysate. For western blotting,a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: AAA233364 (8ug)+ HepG2 whole cell lysate (500ug)Lane 3: HepG2 whole cell lysate (10ug



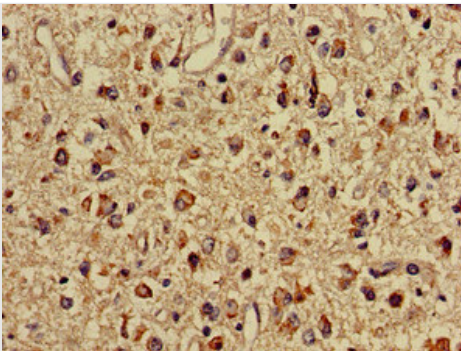
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233364 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L



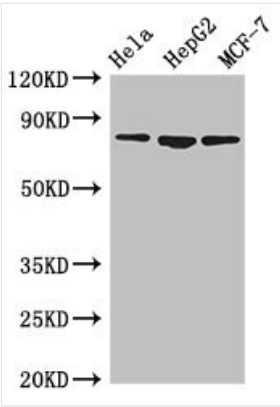
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233364 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA233364 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate,HepG2 whole cell lysate,MCF-7 whole cell lysateAll lanes: IMMT antibody at 3.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 84,83,81 KDaObserved band size: 84 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-IMMT antibody

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. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180).

NCBI AND UNIPROT INFORMATION

NCBI GI #	154354962
NCBI GeneID	10989
NCBI Accession #	NP_001093639.1
NCBI GenBank Nucleotide #	NM_001100169.1
UniProt Accession #	Q16891; Q14539; Q15092; Q68D41; Q69HW5; Q6IBL0; Q7Z3X1; Q8TAJ5; Q9P0V2; B1H0U5; B2R5N6
Molecular Weight	83,549 Da
NCBI Official Full Name	MICOS complex subunit MIC60 isoform 2
NCBI Official Synonym Full Names	inner membrane mitochondrial protein
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/immt-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/233364>