Rabbit anti-Human, Mouse IBA57 Polyclonal Antibody | anti-IBA57 antibody

IBA57 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235010	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

IBA57; Polyclonal Antibody; IBA57 Antibody; Putative transferase CAF17; mitochondrial; Iron-sulfur cluster assembly factor homolog; C1orf69; anti-IBA57 antibody

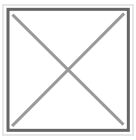
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	356
Applicable Applications for anti-IBA57 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Putative transferase CAF17, mitochondrial protein (286-356AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

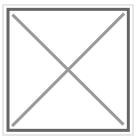
IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of PC3 cells with AAA235010 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohistochemisry)
IHC image of AAA235010 diluted at 1:400 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)
IHC image of AAA235010 diluted at 1:400 and staining in paraffin-embedded human lymph node tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: MCF-7 whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, Mouse liver tissueAll lanes: IBA57 antibody at 4.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 39 KDaObserved band size: 39 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-IBA57 antibody	Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58197556
NCBI GeneID	200205
NCBI Accession #	NP_001010867.1
NCBI GenBank Nucleotide #	NM_001010867.3
UniProt Accession #	Q5T440
Molecular Weight	38,155 Da
NCBI Official Full Name	putative transferase CAF17, mitochondrial isoform 1
NCBI Official Synonym Full Names	IBA57, iron-sulfur cluster assembly
NCBI Official Symbol	IBA57
NCBI Official Synonym Symbols	MMDS3; SPG74; C1orf69
NCBI Protein Information	putative transferase CAF17, mitochondrial
UniProt Protein Name	Putative transferase CAF17, mitochondrial
UniProt Gene Name	**IBA57**
UniProt Synonym Gene Names	C1orf69

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/iba57-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/235010