

Rabbit anti-Human COA3 Polyclonal Antibody | anti-COA3 antibody

COA3 Antibody

CATALOG # AAA235061	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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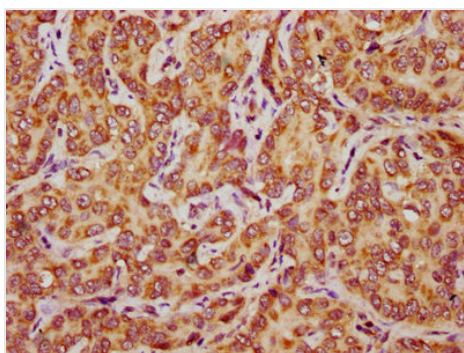
PRODUCT SYNONYMS

COA3; Polyclonal Antibody; COA3 Antibody; Cytochrome c oxidase assembly factor 3 homolog; mitochondrial; Coiled-coil domain-containing protein 56; mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 12 kDa; CCDC56; MITRAC12; HSPC009; anti-COA3 antibody

PRODUCT SPECIFICATIONS

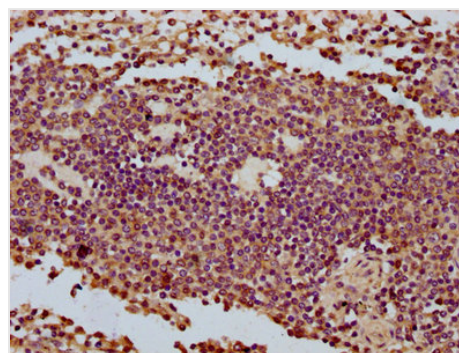
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	106
Applicable Applications for anti-COA3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Cytochrome c oxidase assembly factor 3 homolog, mitochondrial protein (2-57AA)
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



IHC (Immunohistochemistry)

IHC image of AAA235061 diluted at 1:500 and staining in paraffin-embedded human liver cancer 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 (Immunohistochemistry)

IHC image of AAA235061 diluted at 1:500 and staining in paraffin-embedded human spleen 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.

ADDITIONAL INFORMATION

Related Product Information for anti-COA3 antibody	Core component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. MITRAC complexes regulate both translation of mitochondrial encoded components and assembly of nuclear-encoded components imported in mitochondrion. Required for efficient translation of MT-CO1 and mitochondrial respiratory chain complex IV assembly.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94536771
NCBI GeneID	28958
NCBI Accession #	NP_001035521.1
NCBI GenBank Nucleotide #	NM_001040431.2
UniProt Accession #	Q9Y2R0; A8K498
Molecular Weight	11,731 Da
NCBI Official Full Name	cytochrome c oxidase assembly factor 3 homolog, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase assembly factor 3
NCBI Official Symbol	COA3
NCBI Official Synonym Symbols	COX25; CCDC56; HSPC009; MITRAC12
NCBI Protein Information	cytochrome c oxidase assembly factor 3 homolog, mitochondrial
UniProt Protein Name	Cytochrome c oxidase assembly factor 3 homolog, mitochondrial
UniProt Gene Name	COA3
UniProt Synonym Gene Names	CCDC56; MITRAC12

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://www.aaabiotech.com/polyclonal/coa3-antibody-immunohistochemistry-elisa/235061>