

Rabbit COX5A Polyclonal Antibody | anti-COX5A antibody

COX5A Polyclonal Antibody

CATALOG # AAA168669	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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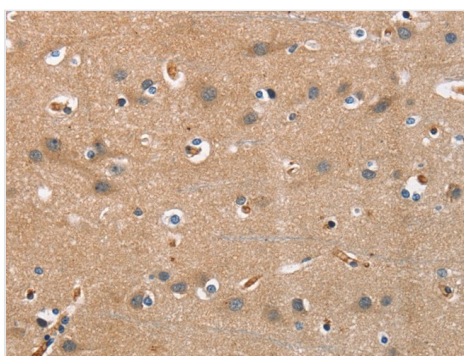
PRODUCT SYNONYMS

COX5A; Polyclonal Antibody; COX5A Polyclonal Antibody; VA; COX; COX-VA; anti-COX5A antibody

PRODUCT SPECIFICATIONS

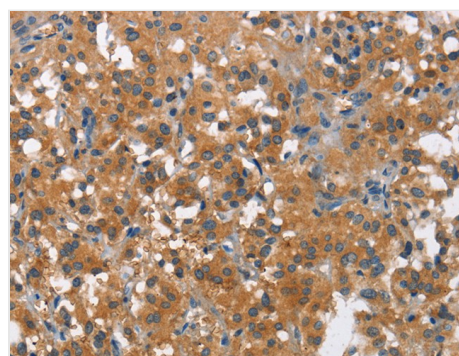
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.9mg/mL (varies by lot)
Sequence Length	150
Applicable Applications for anti-COX5A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human COX5A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using COX5A Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using COX5A Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-COX5A antibody	Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer of proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Va of the human mitochondrial respiratory chain enzyme. A pseudogene COX5AP1 has been found in chromosome 14q22.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190885499
NCBI GeneID	9377
NCBI Accession #	NP_004246.2
NCBI GenBank Nucleotide #	NM_004255.3
Molecular Weight	16,762 Da
NCBI Official Full Name	cytochrome c oxidase subunit 5A, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit Va
NCBI Official Symbol	COX5A
NCBI Official Synonym Symbols	VA; COX; COX-VA
NCBI Protein Information	cytochrome c oxidase subunit 5A, mitochondrial; cytochrome c oxidase polypeptide Va; cytochrome c oxidase polypeptide, mitochondrial; mitochondrial cytochrome c oxidase subunit Va
UniProt Protein Name	Cytochrome c oxidase subunit 5A, mitochondrial
UniProt Gene Name	COX5A
UniProt Entry Name	COX5A_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/cox5a-antibody-immunohistochemistry-elisa/168669>