

Rabbit anti-Human MT-CYB Polyclonal Antibody | anti-MT-CYB antibody

MT-CYB Antibody

CATALOG # AAA308258	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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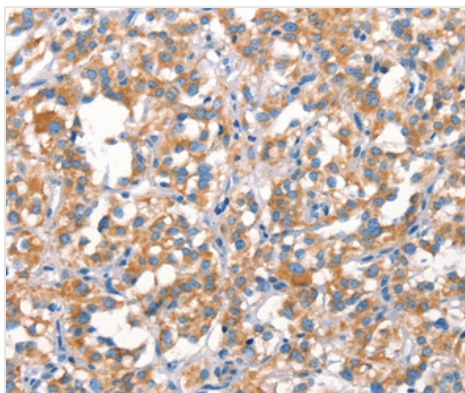
PRODUCT SYNONYMS

MT-CYB; Polyclonal Antibody; MT-CYB Antibody; MTCYB; CYTB; anti-MT-CYB antibody

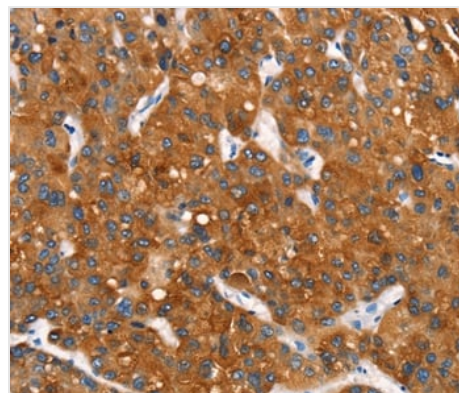
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MT-CYB protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-MT-CYB antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human mitochondrially encoded cytochrome b
Target Name	MT-CYB
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/30.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/30.

ADDITIONAL INFORMATION

Related Product Information for anti-MT-CYB antibody	Cytochrome b is a component of the ubiquinol-cytochrome c reductase complex, which is a respiratory chain that generates an electrochemical potential, coupled to ATP synthesis. The principal components of the b-c1 complex are cytochrome b, cytochrome c1, and the rieske protein. Cytochrome b possesses two heme groups, which are not covalently attached to the protein. Mutations in cytochrome b are associated with Leber's hereditary optic neuropathy and with myopathy.
Product Categories/Family for anti-MT-CYB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	251831119
NCBI GeneID	4519
NCBI Accession #	YP_003024038.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P00156; Q34786; Q8HBR6; Q8HNP0; Q8HNP1; Q8HNP9; Q8HNP4; Q8HNP7; Q8W7V8; Q8WCV9; Q8WCY2; Q8WCY7
Molecular Weight	42,718 Da
NCBI Official Full Name	cytochrome b (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded cytochrome b
NCBI Official Symbol	MT-CYB
NCBI Official Synonym Symbols	MTCYB; CYTB
NCBI Protein Information	cytochrome b
UniProt Protein Name	Cytochrome b
UniProt Gene Name	MT-CYB
UniProt Synonym Gene Names	COB; CYTB; MTCYB
UniProt Entry Name	CYB_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/mt-cyb-antibody-immunohistochemistry-elisa/308258>