

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

MT-CYB Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177539	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

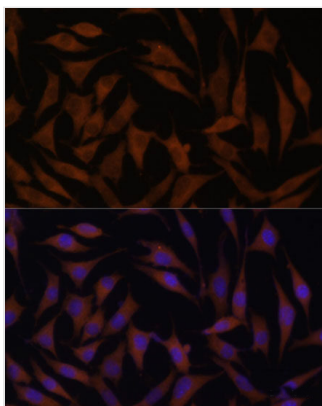
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

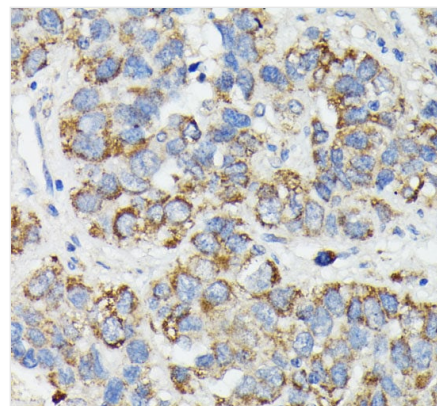
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MT-CYB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human MT-CYB
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



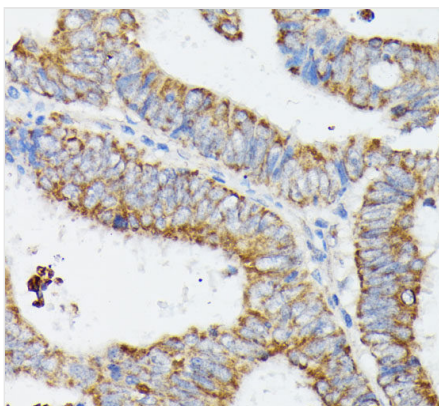
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using MT-CYB Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using MT-CYB Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded Human colon carcinoma using MT-CYB Polyclonal Antibody at dilution of 1:100 (40x lens).

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	Cancer; Metabolism; Signal Transduction; Polyclonal Antibody

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; Q8HNR0; Q8HNR1; Q8HNR9; Q8HNR4; Q8HNR7; 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.

