

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

MT-CYB Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281882	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

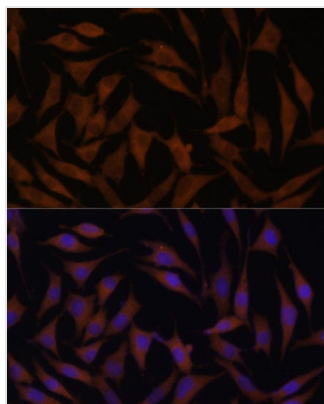
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

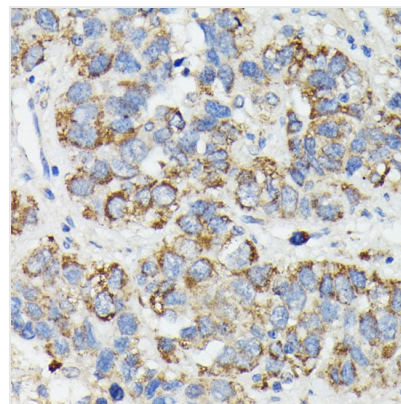
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-MT-CYB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MT-CYB.
Positive Samples	mouse heart, rat heart
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



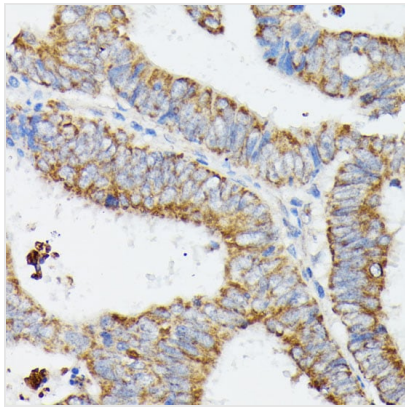
IF (Immunofluorescence)

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



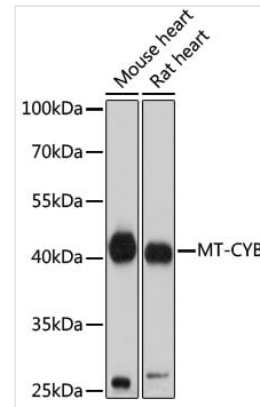
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using MT-CYB antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MT-CYB antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MT-CYB antibody

Endocrine & Metabolism; Mitochondrial metabolism; Cytochromes

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; Q8HNQ0; Q8HNQ1; Q8HNQ9; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mt-cyb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281882>