

Rabbit CYTB Polyclonal Antibody | anti-CYTB antibody

CYTB antibody - N-terminal region

CATALOG # AAA200079	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

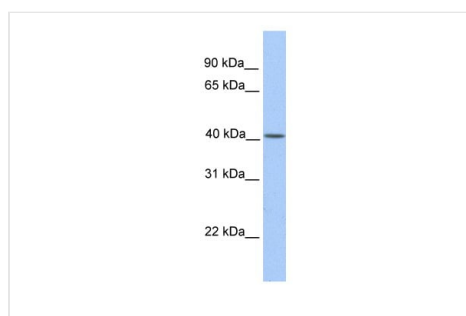
PRODUCT SYNONYMS

CYTB; Polyclonal Antibody; CYTB antibody - N-terminal region; anti-CYTB antibody

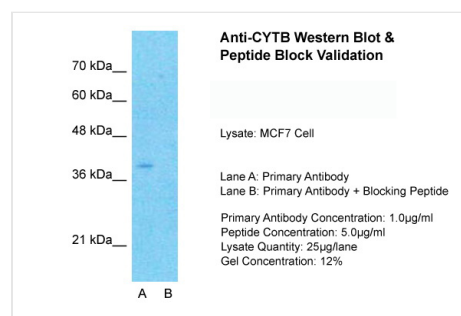
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: TP MRKINPLMKL INHSFIDLPT PSNISAWWNF GSLLGACLIL QITTGLFL
Sequence Length	378
Applicable Applications for anti-CYTB antibody	WB (Western Blot)
Homology	Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CYTB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

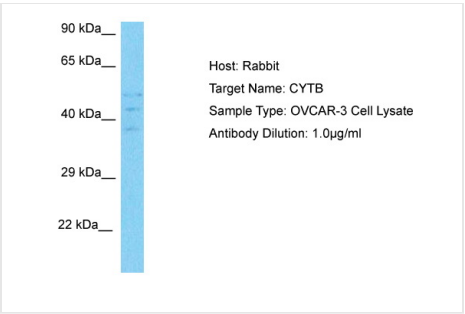
IMAGES


WB (Western Blot)

WB Suggested Anti-CYTB Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate

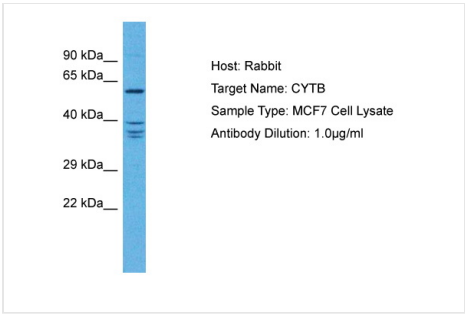

WB (Western Blot)

Host: Rabbit Target Name: CYTB Sample Type: MCF7 Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 1 ug/ml Peptide Concentration: 5 ug/ml Lysate Quantity: 25 ug/lane/lane Gel Concentration: 0.12



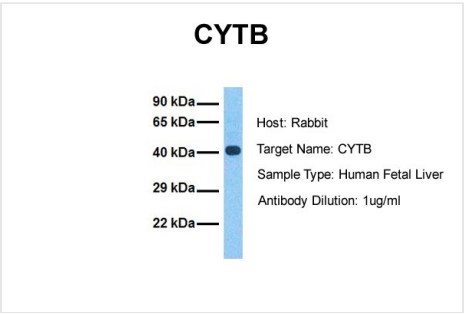
WB (Western Blot)

Host: RabbitTarget Name: CYTBSample Tissue: Human OVCAR-3 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: RabbitTarget Name: CYTBSample Tissue: Human MCF7 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: RabbitTarget Name: CYTBSample Tissue: Human Fetal LiverAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CYTB antibody	This is a rabbit polyclonal antibody against CYTB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CYTB belongs to the cytochrome b family. It is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis.
Product Categories/Family for anti-CYTB antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	17981865
NCBI GeneID	4519
NCBI Accession #	NP_536855
NCBI GenBank Nucleotide #	P00156
Molecular Weight	42kDa
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

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.

