

Rabbit COX6A1 Polyclonal Antibody | anti-COX6A1 antibody

COX6A1 Antibody (Center)

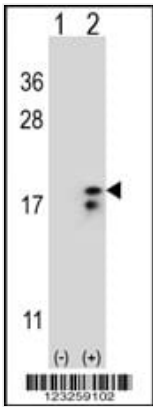
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287185	Rabbit	Human (Predicted Reactivity: Rabbit)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

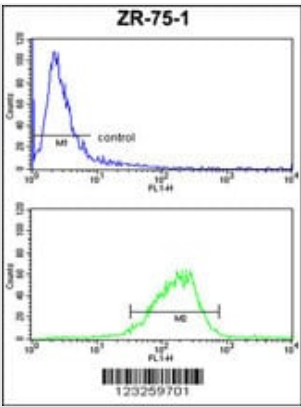
COX6A1; Polyclonal Antibody; COX6A1 Antibody (Center); Cytochrome c oxidase subunit 6A1; mitochondrial; Cytochrome c oxidase polypeptide VIa-liver; Cytochrome c oxidase subunit VIA-liver; COX VIa-L; COX6AL; anti-COX6A1 antibody

PRODUCT SPECIFICATIONS

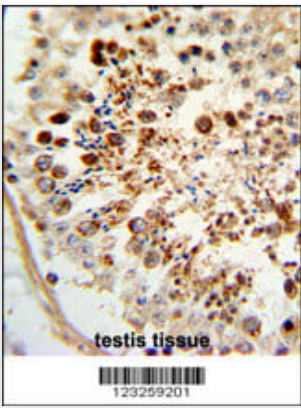
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COX6A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-78 amino acids from the Central region of human COX6A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	50-78
Sequence Length	109
Applicable Applications for anti-COX6A1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



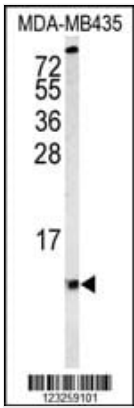
WB (Western Blot)
Western blot analysis of COX6A1 (arrow) using rabbit polyclonal COX6A1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the COX6A1 gene.



FCM/FACS (Flow Cytometry)
COX6A1 Antibody (Center) FC analysis of ZR-75-1 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with COX6A1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of COX6A1 Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane). COX6A1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-COX6A1 antibody	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Product Categories/Family for anti-COX6A1 antibody	Metabolism
References	Hochstrasser D.F., et.al., Electrophoresis 13:992-1001(1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	17999528
NCBI GeneID	1337
NCBI Accession #	NP_004364.2
NCBI GenBank Nucleotide #	NM_004373.3
UniProt Accession #	P12074; O43714; Q32Q37; B2R500
Molecular Weight	12155

NCBI Official Full Name	cytochrome c oxidase subunit 6A1, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit VIa polypeptide 1
NCBI Official Symbol	COX6A1
NCBI Official Synonym Symbols	COX6A; CMTRID; COX6AL
NCBI Protein Information	cytochrome c oxidase subunit 6A1, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 6A1, mitochondrial
UniProt Gene Name	COX6A1
UniProt Synonym Gene Names	COX6AL; COX VIa-L
UniProt Entry Name	CX6A1_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/cox6a1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287185>