

Rabbit anti-Human, mouse CYC1 Polyclonal Antibody | anti-CYC1 antibody

CYC1 Antibody (C-term)

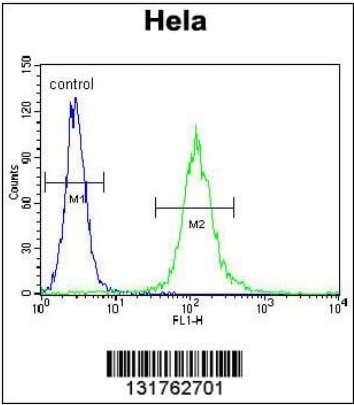
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287879	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

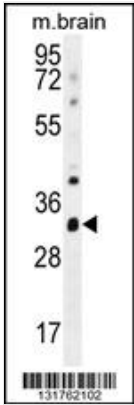
CYC1; Polyclonal Antibody; CYC1 Antibody (C-term); Cytochrome c1; heme protein; mitochondrial; Complex III subunit 4; Complex III subunit IV; Cytochrome b-c1 complex subunit 4; Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit; Cytochrome c-1; anti-CYC1 antibody

PRODUCT SPECIFICATIONS

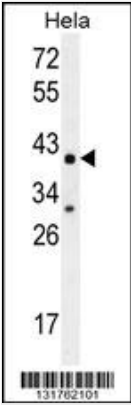
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-291 amino acids from the C-terminal region of human CYC1.
Purity/Purification	Peptide Affinity Purified Rabbit 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	263-291
Sequence Length	325
Applicable Applications for anti-CYC1 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
CYC1 Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CYC1 Antibody (C-term) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the CYC1 antibody detected the CYC1 protein (arrow).



WB (Western Blot)
CYC1 Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the CYC1 antibody detected the CYC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CYC1 antibody	This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.
Product Categories/Family for anti-CYC1 antibody	Developmental biology; Metabolism; Signal transduction
References	Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) : Cummings, C., et al. Apoptosis 11(7):1121-1129(2006) Wen, J.J., et al. Free Radic. Biol. Med. 37(12):2072-2081(2004) An, J., et al. J. Biol. Chem. 279(18):19133-19140(2004) Yuan, J., et al. Biochim. Biophys. Acta 1641(1):35-41(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359867
NCBI GeneID	1537
NCBI Accession #	NP_001907.2
NCBI GenBank Nucleotide #	NM_001916.4
UniProt Accession #	P08574; Q5U062; Q6FHS7

Molecular Weight	35422
NCBI Official Full Name	cytochrome c1, heme protein, mitochondrial
NCBI Official Synonym Full Names	cytochrome c-1
NCBI Official Symbol	CYC1
NCBI Official Synonym Symbols	UQCR4; MC3DN6
NCBI Protein Information	cytochrome c1, heme protein, mitochondrial
UniProt Protein Name	Cytochrome c1, heme protein, mitochondrial
UniProt Gene Name	CYC1
UniProt Synonym Gene Names	Cytochrome c-1
UniProt Entry Name	CY1_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/cyc1-antibody-flow-cytometry-western-blot-elisa/287879>