

Rabbit anti-Human COQ7 Polyclonal Antibody | anti-COQ7 antibody

COQ7 Antibody (C-term)

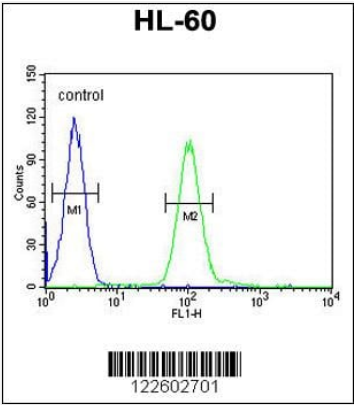
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287549	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

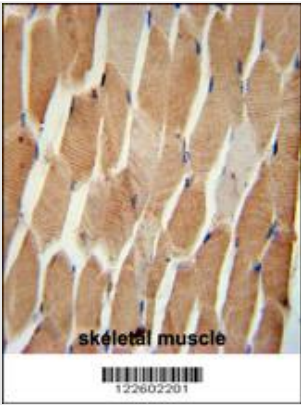
COQ7; Polyclonal Antibody; COQ7 Antibody (C-term); Ubiquinone biosynthesis protein COQ7 homolog; Coenzyme Q biosynthesis protein 7 homolog; Timing protein clk-1 homolog; anti-COQ7 antibody

PRODUCT SPECIFICATIONS

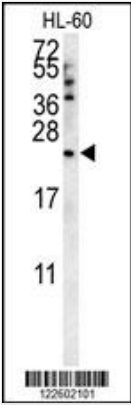
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COQ7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-191 amino acids from the C-terminal region of human COQ7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	162-191
Sequence Length	179
Applicable Applications for anti-COQ7 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.



FCM/FACS (Flow Cytometry)
COQ7 Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
COQ7 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the COQ7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
COQ7 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the COQ7 antibody detected the COQ7 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-COQ7 antibody	Microbiology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300244542
NCBI GeneID	10229
NCBI Accession #	NP_001177912.1; NP_057222.2
NCBI GenBank Nucleotide #	NM_001190983.1
UniProt Accession #	Q99807; Q9BTT7; Q9H0T5; Q9UEW5; Q9UNR5; B2RDA9
Molecular Weight	24277
NCBI Official Full Name	5-demethoxyubiquinone hydroxylase, mitochondrial isoform 2
NCBI Official Synonym Full Names	coenzyme Q7 homolog, ubiquinone (yeast)
NCBI Official Symbol	COQ7
NCBI Official Synonym Symbols	CAT5; CLK1; CLK-1

NCBI Protein Information	5-demethoxyubiquinone hydroxylase, mitochondrial
UniProt Protein Name	5-demethoxyubiquinone hydroxylase, mitochondrial
UniProt Gene Name	COQ7
UniProt Synonym Gene Names	DMQ hydroxylase
UniProt Entry Name	COQ7_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/coq7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287549>