

Rabbit anti-Human OXA1L Polyclonal Antibody | anti-OXA1L antibody

OXA1L Antibody (C-term)

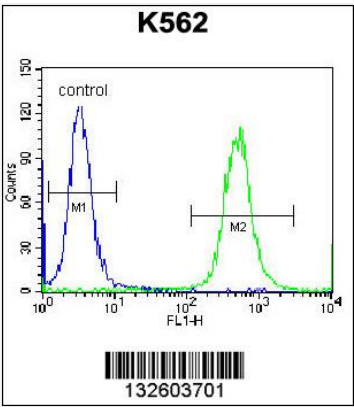
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284348	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

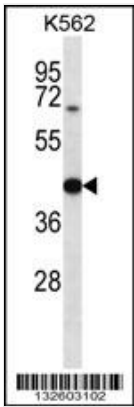
OXA1L; Polyclonal Antibody; OXA1L Antibody (C-term); Mitochondrial inner membrane protein OXA1L; Hsa; OXA1Hs; Oxidase assembly 1-like protein; OXA1-like protein; anti-OXA1L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OXA1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 361-390 amino acids from the C-terminal region of human OXA1L.
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	361-390
Sequence Length	263
Applicable Applications for anti-OXA1L 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)
OXA1L Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
OXA1L Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the OXA1L antibody detected the OXA1L protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OXA1L antibody	OXA1L is required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for the activity and assembly of cytochrome oxidase.
Product Categories/Family for anti-OXA1L antibody	Metabolism; Signal Transduction
References	Haque, M.E., et al. J. Biol. Chem. 285(45):34991-34998(2010) Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Haque, M.E., et al. J. Biol. Chem. 285(36):28353-28362(2010) Sato, T., et al. J. Biol. Chem. 284(22):14819-14827(2009) Stiburek, L., et al. J. Mol. Biol. 374(2):506-516(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718097
NCBI GeneID	5018
NCBI Accession #	NP_005006.3
NCBI GenBank Nucleotide #	NM_005015.3
UniProt Accession #	Q15070; B4DPA2
Molecular Weight	48548
NCBI Official Full Name	mitochondrial inner membrane protein OXA1L
NCBI Official Synonym Full Names	oxidase (cytochrome c) assembly 1-like
NCBI Official Symbol	OXA1L
NCBI Official Synonym Symbols	OXA1
NCBI Protein Information	mitochondrial inner membrane protein OXA1L
UniProt Protein Name	Mitochondrial inner membrane protein OXA1L
UniProt Gene Name	OXA1L
UniProt Synonym Gene Names	OXA1-like protein
UniProt Entry Name	OXA1L_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/oxa1l-antibody-flow-cytometry-western-blot-elisa/284348>