

Rabbit OXA1L Polyclonal Antibody | anti-OXA1L antibody

OXA1L Antibody

CATALOG # AAA323260	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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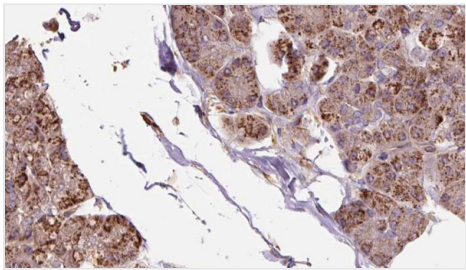
PRODUCT SYNONYMS

OXA1L; Polyclonal Antibody; OXA1L Antibody; HSA; Mitochondrial inner membrane protein OXA1L; OXA1; OXA1 like protein; OXA1-like protein; OXA1Hs; Oxa1; OXA1L_HUMAN; Oxidase (cytochrome c) assembly 1 like; Oxidase assembly 1 like protein; Oxidase assembly 1-like protein; anti-OXA1L antibody

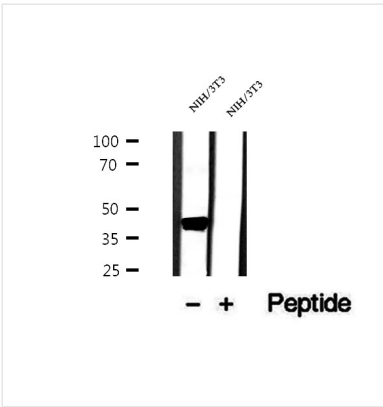
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	OXA1L antibody detects endogenous levels of OXA1L.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	495
Applicable Applications for anti-OXA1L antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human OXA1L.
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (92%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323260 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of NIH/3T3 cells, using OXA1L antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OXA1L antibody	Function: Required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for the activity and assembly of cytochrome oxidase. Required for the correct biogenesis of ATP synthase and complex I in mitochondria. Subunit Structure: Monomer; predominantly monomeric at low salt concentrations. Homooligomer; predominantly homooligomeric at high salt concentrations. Homodimer. Homotetramer. Interacts with MRPL13, MRPL20, MRPL28, MRPL48, MRPL49 and MRPL51. Associates preferentially as a dimer with the large ribosomal subunit 39S of the mitochondrial ribosome. Similarity: Belongs to the OXA1/ALB3/YidC family.
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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	Observed: 42 kDa Predicted: 49 kDa
NCBI Official Full Name	mitochondrial inner membrane protein OXA1L
NCBI Official Synonym Full Names	OXA1L, mitochondrial inner membrane protein
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

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.