

Rabbit anti-Mouse, Rat OXA Polyclonal Antibody | anti-OXA antibody

OXA Polyclonal Antibody

CATALOG # AAA179812	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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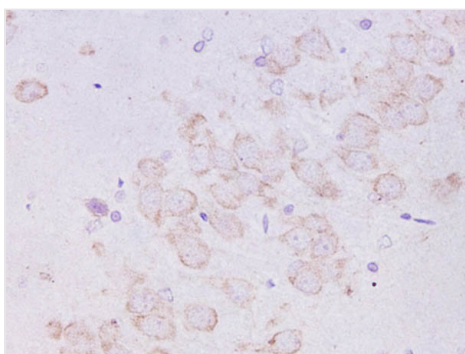
PRODUCT SYNONYMS

OXA; Polyclonal Antibody; OXA Polyclonal Antibody; Hypocretin neuropeptide precursor; Hypocretin; Orexin precursor; Prepro-orexin; Preprohypocretin; HCRT; OX; PPORX; PPOX; anti-OXA antibody

PRODUCT SPECIFICATIONS

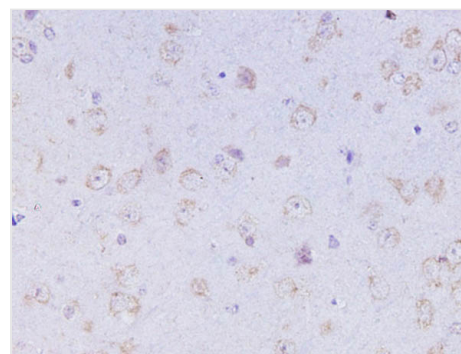
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-OXA antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human OXA protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain using OXA Polyclonal Antibody at dilution of 1:2000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using OXA Polyclonal Antibody at dilution of 1:2000

ADDITIONAL INFORMATION

Related Product Information for anti-OXA antibody	OXA1L (OXA1L Mitochondrial Inner Membrane Protein) is a Protein Coding gene. The OXA1L gene, located on 14q11.2, is conserved in chimpanzee, Rhesus monkey, dog, and cow, etc. This gene encodes an evolutionarily conserved protein that is localized to the inner mitochondrial membrane. The encoded protein is essential for the translocation of the N-terminal tail of subunit 2 of cytochrome c oxidase and is involved in the assembly of the cytochrome c oxidase and ATPase complexes of the mitochondrial respiratory chain. In humans, the mitochondrial inner membrane protein Oxa1L is involved in the biogenesis of membrane proteins and facilitates the insertion of both mitochondrial- and nuclear-encoded proteins from the mitochondrial matrix into the inner membrane. The C-terminal approximately 100-amino acid tail of Oxa1L (Oxa1L-CTT) binds to mitochondrial ribosomes and plays a role in the co-translational insertion of mitochondria-synthesized proteins into the inner membrane.
Product Categories/Family for anti-OXA antibody	Polyclonal Antibodies; Primary Antibodies; Polyclonal Antibodies; Biochemicals; Metabolism; Signal Transduction; Neuroscience; Tags & Cell Markers; Cancer; Cardiovascular; Cell Biology; Immunology; Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557635
NCBI GeneID	3060
NCBI Accession #	NP_001515.1
NCBI GenBank Nucleotide #	NM_001524.1
UniProt Accession #	O43612
Molecular Weight	13,363 Da
NCBI Official Full Name	orexin
NCBI Official Synonym Full Names	hypocretin (orexin) neuropeptide precursor
NCBI Official Symbol	HCRT
NCBI Official Synonym Symbols	OX; PPOX; NRCLP1
NCBI Protein Information	orexin; prepro-orexin
UniProt Protein Name	Orexin
UniProt Gene Name	HCRT
UniProt Synonym Gene Names	OX; PPORX; PPOX; Hcrt; Hcrt1; Hcrt2
UniProt Entry Name	OREX_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/oxa-antibody-immunohistochemistry-elisa/179812>