

Rabbit anti-Rat Orexin A Polyclonal Antibody | anti-OXA antibody

Polyclonal Antibody to Orexin A (OXA)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141942	Rabbit	Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Orexin A; Polyclonal Antibody; Polyclonal Antibody to Orexin A (OXA); anti-OXA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against OXA. It has been selected for its ability to recognize OXA in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and GST-tag and its sequence is listed below. MSPI LGYWKIKGLV QPTRLLEYL EEKYEEHLYE RDEGDKWRNK KFEGLGFNP LPYYIDGDVK LTQSMAIIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF E DRLCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMCDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS EF-AQPLPDC CRQKTCSCRL YELLHGAGNH AAGILTLGKR RPPGPGQLGR LQRLQANGN HAAGILTMGR RA
Sequence Length	131
Applicable Applications for anti-OXA antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	OXA (Ala32~Ala123)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Rat
Conjugate	No Conjugate
Immunogen	Recombinant OXA (Ala32~Ala123) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Rat Brain Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981016
NCBI GeneID	25723
NCBI Accession #	NP_037311.1
NCBI GenBank Nucleotide #	NM_013179.2
UniProt Accession #	O55232
Molecular Weight	13,645 Da
NCBI Official Full Name	orexin
NCBI Official Synonym Full Names	hypocretin neuropeptide precursor
NCBI Official Symbol	Hcrt
NCBI Official Synonym Symbols	orexin-A
NCBI Protein Information	orexin
UniProt Protein Name	Orexin
UniProt Gene Name	Hcrt
UniProt Synonym Gene Names	Ox; Ppox; Hcrt; Hcrt1; Hcrt2

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/orexin-a-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141942>