antibodies .- online.com







Images



Overview

Quantity:	100 μL
Target:	Orexin A (OXA)
Binding Specificity:	AA 32-123
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Orexin A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Orexin A (OXA)
Immunogen:	Recombinant Orexin A (OXA) corresdonding to Ala32~Ala123 (Accession # 055232) with N-terminal His and GST Tag
Isotype:	IgG
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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target: Orexin A (OXA)

Target Details

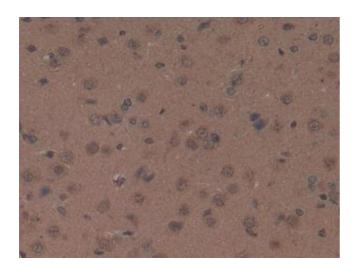
Alternative Name:	Orexin A (OXA Products)
Background:	Hypocretin-1
Pathways:	Synaptic Membrane, Feeding Behaviour

Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

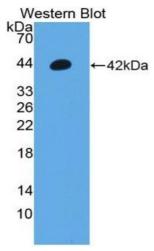
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of OXA in Rat Brain Tissue using Polyclonal Antibody to Orexin A (OXA)



Western Blotting

Image 2. Detection of Recombinant OXA, Rat using Polyclonal Antibody to Orexin A (OXA)