

Datasheet for ABIN7643829
anti-Orexin antibody



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Overview

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

Product Details

Purpose:	Polyclonal Antibody to Orexin (OX)
Immunogen:	RPA346Ra01 Recombinant Orexin (OX)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OX. It has been selected for its ability to recognize OX in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Orexin (OX)
Alternative Name:	Orexin (OX Products)

Target Details

Background: HCRT, PPOX, Orexin A, Hypocretin 1, Orexin B, Hypocretin 2, Preproorexin, Hypocretin Neuropeptide Precursor

UniProt: [O55232](#)

Pathways: [Synaptic Membrane](#), [Feeding Behaviour](#)

Application Details

Application Notes: Western blotting: 0.01-2 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

Concentration: 0.5 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin, Sodium azide

Precaution of Use: This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES 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.