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Datasheet for ABIN1706934  
**anti-Orexin A antibody (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	Orexin A (OXA)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Orexin A antibody is conjugated to Cy5.5
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Orexin A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	Orexin A (OXA)
Alternative Name:	Orexin A ( <a href="#">OXA Products</a> )
Background:	Synonyms: orexin-A, HCRT 1, HCRT, HCRT1, Hypocretin orexin neuropeptide precursor, Hypocretin 1, Hypocretin A, Hypocretin, Hypocretin neuropeptide precursor, Hypocretin1, Orexin A, Orexin, Orexin precursor, OrexinA, OX, PPORX, PPOX, PREPROOREXIN, ORX-A, OREX_HUMAN.

## Target Details

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Background: This gene encodes a hypothalamic neuropeptide precursor protein that gives rise to two mature neuropeptides, orexin A and orexin B, by proteolytic processing. Orexin A and orexin B, which bind to orphan G-protein coupled receptors HCRTR1 and HCRTR2, function in the regulation of sleep and arousal. This neuropeptide arrangement may also play a role in feeding behavior, metabolism, and homeostasis.

Gene ID: 3060

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

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months