

Orexin B/Hypocretin-2 Rabbit pAb

Catalog No.: A25596

Basic Information

Observed MW

30kDa

Calculated MW

13kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3060

Swiss Prot

O43612

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Orexin B/Hypocretin-2.

Synonyms

OX; PPOX; NRCLP1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

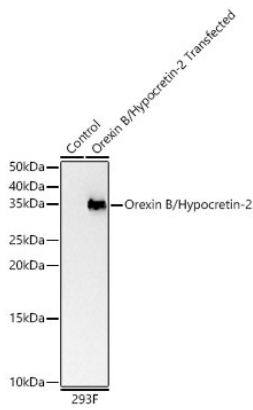
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with Orexin B/Hypocretin-2 using Orexin B/Hypocretin-2 Rabbit pAb(A25596) at 1:900 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 20 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time: 60s.