

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3506a

Specification

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) - Product Information

Application	WB, E
Primary Accession	O43614
Other Accession	NP_001517.2 , 3062 , 387285 (mouse) , 25605 (rat)
Reactivity	Mouse
Predicted	Human, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	50694

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) - Additional Information

Gene ID 3062

Other Names

Orexin receptor type 2, Ox-2-R, Ox2-R, Ox2R, Hypocretin receptor type 2, HCRTR2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) - Protein Information

Name HCRTR2

Function

Nonselective, high-affinity receptor for both orexin-A and orexin-B neuropeptides (PubMed:26950369, PubMed:9491897). Triggers an increase in cytoplasmic Ca(2+) levels in response to orexin-A binding (PubMed:26950369, PubMed:9491897).

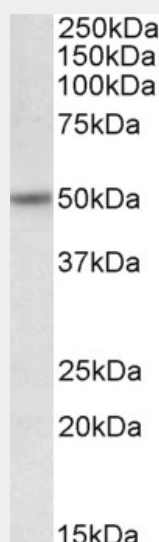
Cellular Location

Cell membrane; Multi-pass membrane protein

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) - Images

AF3506a (0.5 µg/ml) staining of Mouse fetal Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Orexin Receptor 2 (aa405-419) Antibody (internal region, near C-Term) - References

Genomic organization and regulation of the human orexin (hypocretin) receptor 2 gene: identification of alternative promoters. Chen J, Randeva HS, The Biochemical journal 2010 May 427 (3): 377-90. PMID: 20156195