

## ARG64347 anti-Orexin Receptor 2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Orexin Receptor 2
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Orexin Receptor 2
Species	Human
Immunogen	SGTKLEDSPPCRN
Conjugation	Un-conjugated
Alternate Names	Ox2R; Ox2-R; Ox-2-R; OX2R; Hypocretin receptor type 2; Orexin receptor type 2

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 3062 Human](#)

[Swiss-port # O43614 Human](#)

### Background

The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009]

### Research Area

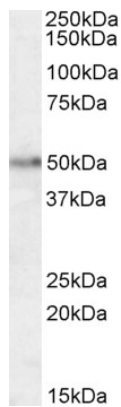
Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

### Calculated Mw

51 kDa

## Images

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### ARG64347 anti-Orexin Receptor 2 antibody WB image

Western blot: 35 µg of Human brain (hippocampus) lysate (in RIPA buffer) stained with ARG64347 anti-Orexin Receptor 2 antibody at 1.5 µg/ml dilution and incubated at RT for 1 hour.