

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 antigen affinity chromatography.
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

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



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.