



OX2R Monoclonal Antibody

Catalog No	YP-mAb-07525
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	HCRTR2
Protein Name	Orexin receptor type 2 (Ox-2-R) (Ox2-R) (Ox2R) (Hypocretin receptor type 2)
Immunogen	Synthesized peptide derived from human protein . at AA range: 280-360
Specificity	OX2R Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	48kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Cerebellum,
Function	function:Nonselective, high-affinity receptor for both orexin-A and orexin-B neuropeptides.,similarity:Belongs to the G-protein coupled receptor 1 family.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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