



Orexin R-1 Monoclonal Antibody

Catalog No	YP-mAb-12785
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HCRTR1
Protein Name	Orexin receptor type 1
Immunogen	The antiserum was produced against synthesized peptide derived from human HCRTR1. AA range:231-280
Specificity	Orexin R-1 Monoclonal Antibody detects endogenous levels of Orexin R-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	HCRTR1; Orexin receptor type 1; Ox-1-R; Ox1-R; Ox1R; Hypocretin receptor type 1
Observed Band	50kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Brain,
Function	function:Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide. Seems to be exclusively coupled to the G(q) subclass of heteromeric G proteins, which activates the phospholipase C mediated signaling cascade.,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 selectively binds the hypothalamic neuropeptide orexin A. A related gene (HCRTR2) encodes a G-protein coupled receptor that binds orexin A and orexin B. [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.

Products Images

