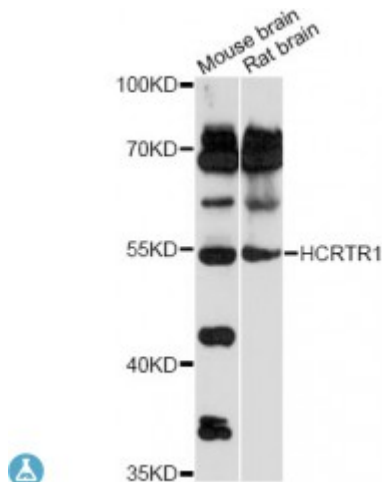


Anti-HCRTR1 Antibody



Description

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.

Model	STJ116940
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human HCRTR1 (NP_001516.2).
Gene ID	3061
Gene Symbol	HCRTR1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Orexin receptor type 1 Ox-1-R Ox1-R Ox1R Hypocretin receptor type 1
Molecular Weight	47.536 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:4848OMIM:602392Reactome:R-HSA-389397
Alternative Names	Orexin receptor type 1 Ox-1-R Ox1-R Ox1R Hypocretin receptor type 1
Function	Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide ,
Cellular Localization	Cell membrane

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