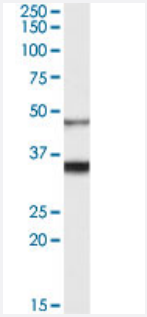
HCRTR1 polyclonal antibody

Catalog # PAB27610 Size 100 ug

Applications



Western Blot (Tissue lysate)

HCRTR1 polycolnal antibody (Cat # PAB27610) (0.1ug/ml) staining of human brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HCRTR1.
Immunogen	A synthetic peptide corresponding to internal region of human HCRTR1.
Sequence	RNWKRPSDQLGD
Host	Goat
Theoretical MW (kDa)	48, 35
Reactivity	Dog, Human, Mouse, Rat, Sheep
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western Blot (0.1-0.3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  HCRTR1 polycolnal antibody (Cat # PAB27610) (0.1ug/ml) staining of human brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — HCRTR1

Entrez GeneID	3061
Protein Accession#	NP_001516.1
Gene Name	HCRTR1
Gene Alias	OX1R
Gene Description	hypocretin (orexin) receptor 1
Omim ID	602392
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of fee ding behavior. The encoded protein selectively binds the hypothalamic neuropeptide orexin A. A r elated gene (HCRTR2) encodes a G-protein coupled receptor that binds orexin A and orexin B. [p rovided by RefSeq
Other Designations	OTTHUMP00000003951|hypocretin receptor 1|hypocretin receptor-1|orexin receptor 1|orexin rec eptor-1

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Anorexia Nervosa
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bulimia
- Genetic Predisposition to Disease
- Hyponatremia
- Mental Disorders
- NARP
- Schizophrenia