

## **Product datasheet for TA358901**

## OriGene Technologies, Inc.

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## **Orexin Receptor 1 (HCRTR1) Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Specificity: Expected reactivity**: Horse, Human, Rabbit

Homology: Horse: 83%; Human: 100%; Rabbit: 92%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 47kDa

**Gene Name:** hypocretin receptor 1

Database Link: NP 001516

Entrez Gene 3061 Human

043613

**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.

Synonyms: OX1R

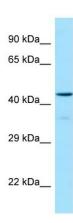
**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane

**Protein Pathways:** Neuroactive ligand-receptor interaction





## **Product images:**



Host: Rabbit Target Name: HCRTR1 Antibody Dilution: 1.0ug/ml Sample Type: Human brain