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Datasheet for ABIN7162258  
**anti-HCRTR1 antibody (AA 1-46) (Biotin)**

### Overview

Quantity:	100 µL
Target:	HCRTR1
Binding Specificity:	AA 1-46
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCRTR1 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Orexin receptor type 1 protein (1-46AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	HCRTR1
Alternative Name:	HCRTR1 ( <a href="#">HCRTR1 Products</a> )
Background:	Background: Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide (PubMed:9491897, PubMed:26950369). Triggers an increase in

## Target Details

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cytoplasmic Ca(2+) levels in response to orexin-A binding (PubMed:9491897, PubMed:26950369).

Aliases: HCRTR 1 antibody, HCRTR1 antibody, Hypocretin receptor type 1 antibody, Orexin Receptor 1 antibody, Orexin receptor type 1 antibody, Ox-1-R antibody, Ox1-R antibody, Ox1r antibody, OX1R\_HUMAN antibody

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UniProt: [O43613](#)

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Pathways: [Feeding Behaviour](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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