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Datasheet for ABIN5675533
anti-HCRTR1 antibody (AA 101-200) (Biotin)

Overview

Quantity:	100 µL
Target:	HCRTR1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCRTR1 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Orexin Receptor type 1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HCRTR1
Alternative Name:	Orexin Receptor Type 1 (HCRTR1 Products)

Target Details

Background: Synonyms: Orexin receptor type 1, HCRTR1, Ox-1-R, Ox1R, Hypocretin receptor type 1, HCRTR1
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 cytoplasmic Ca²⁺ levels in response to orexin-A binding (PubMed:9491897, PubMed:26950369).

Gene ID: 3061

UniProt: [O43614](#)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months