

Anti-HCRTR1 Antibody

Catalog Number: A03066-1

About HCRTR1

The hypocretin receptor 1 (OX1R, also named HCRTR1) is a G protein-coupled receptor and is a critical participant in the regulation of motivated behavior (PMID:28971565). HCRTR1 is associated with the regulation of motivation, reward, and autonomic functions. HCRTR1 shows a selective binding affinity for HCRT1/orexin-A. Moreover, HCRTR1 and HCRTR2 share 64% sequence similarity in humans (PMID:34052813).

Overview

Product Name	Anti-HCRTR1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HCRTR1 Antibody catalog # A03066-1. Tested in WB, IHC, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O43613

Technical Details

Immunogen	E.coli-derived human HCRTR1 recombinant protein (Position: V323-T422).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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