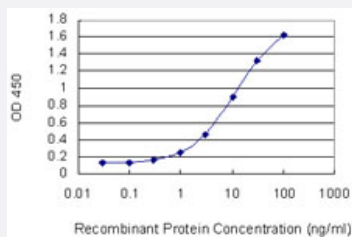


HRH3 monoclonal antibody (M01), clone 1D7

Catalog # H00011255-M01

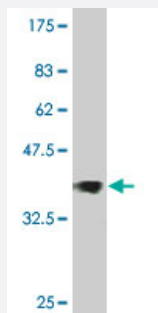
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HRH3 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.07 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HRH3.
Immunogen	HRH3 (NP_009163, 257 a.a. ~ 359 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GCWGCWQKGHGGEAMPLHRYGVGEAAVGAEAGEATLGGGGGGGSVASPTSSSGSSSRGTERP RSLKRGSKPSASSASLEKRMKMVSQSFTQRFRLSRDRKVAKS
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.07 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HRH3 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HRH3

Entrez GeneID	11255
GeneBank Accession#	NM_007232
Protein Accession#	NP_009163
Gene Name	HRH3
Gene Alias	GPCR97, HH3R
Gene Description	histamine receptor H3
Omim ID	604525
Gene Ontology	Hyperlink

Gene Summary

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. This gene encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system. [provided by RefSeq]

Other Designations

G protein-coupled receptor 97|OTTHUMP00000031459|histamine H3 receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Cognition](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)