

HRH3 Rabbit mAb

Catalog No: #52345

Package Size: #52345-1 50ul #52345-2 100ul

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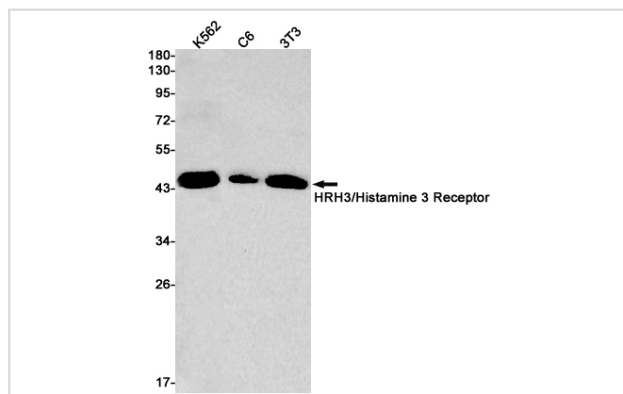
Description

Product Name	HRH3 Rabbit mAb
Clone No.	S04-3I4
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human HRH3/Histamine 3 Receptor
Conjugates	Unconjugated
Modification	Unmodification
Other Names	HH3R; GPCR97
Accession No.	Swiss-Prot:Q9Y5N1GeneID:11255
Uniprot	Q9Y5N1
GeneID	11255
Calculated MW	Calculated MW: 49 kDa; Observed MW: 49 kDa
Concentration	0.8 mg/ml
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of HRH3/Histamine 3 Receptor in K562,C6,3T3 cell lysates using HRH3/Histamine 3 Receptor Rabbit mAb(1:1000 diluted).Predicted band size:49kDa.Observed band size:49kDa.

Background

Swiss-Prot Acc.Q9Y5N1.The H3 subclass of histamine receptors could mediate the histamine signals in CNS and peripheral nervous system. Signals

through the inhibition of adenylate cyclase and displays high constitutive activity (spontaneous activity in the absence of agonist). Agonist stimulation of isoform 3 neither modified adenylate cyclase activity nor induced intracellular calcium mobilization. Miscellaneous Does not bind to cimetidine and tripolidine. Shows modest affinity for thioperamide, imetit, N-alpha-methylhistamine and R--alpha-methylhistamine. Isoform 4 is unable to bind to iodoproxyfan while isoforms 1 and 3 bind it with high affinity.

Note: This product is for in vitro research use only