

HRH3 Rabbit mAb

Catalog No: #52345



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

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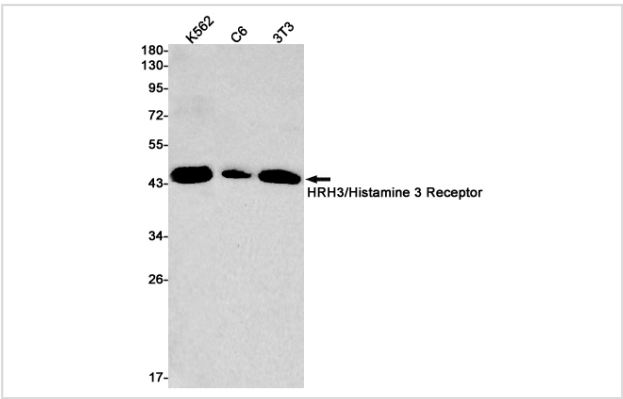
Description

Product Name	HRH3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-314
Isotype	Rabbit IgG
Purification	Affinity Purified
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
Calculated MW	Calculated MW: 49 kDa; Observed MW: 49 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
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.MiscellaneousDoes 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 and is not intended for use in humans or animals.