

Product datasheet for TA384453S

HRH3 Rabbit Monoclonal Antibody [Clone ID: R04-314]

Product data:

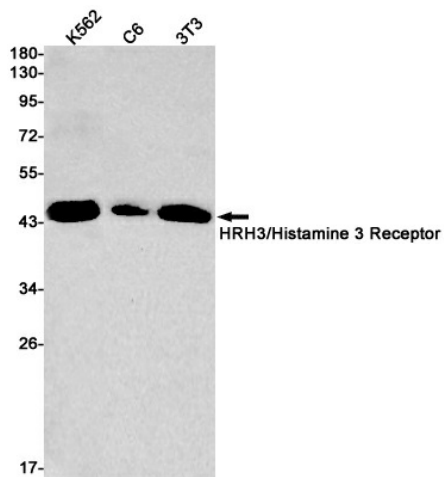
Product Type:	Primary Antibodies
Clone Name:	R04-314
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human HRH3/Histamine 3 Receptor
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 49 kDa; Observed MW: 49 kDa
Gene Name:	histamine receptor H3
Database Link:	Entrez Gene 11255 Human Q9Y5N1
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 triprolidine. 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.



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Synonyms: GPCR97; HH3R

Product images:



Western blot analysis of HRH3/Histamine 3 Receptor in K562, C6, 3T3 lysates using HRH3 antibody.