



Rabbit polyclonal antibody to human Histamine H3 receptor (428-445): Affinity purified

Catalogue No.:	R-1063-100
Description:	The Histamine H3 receptor is a multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. This protein is primarily expressed in the CNS. At least 7 isoforms are produced by alternative splicing. Expression of these isoforms varies with isoform 3 and isoform 7 being highly expressed in the thalamus, caudate nucleus and cerebellum while isoforms 5 and 6 show a poor expression. Isoform 5 and isoform 6 show a high expression in the amygdala, substantia nigra, cerebral cortex and hypothalamus. Isoform 7 is not found in hypothalamus or substantia nigra.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (CPQKLKIQPHSSLEHCWK) corresponding to a region (428-445) from the C-terminus of human Histamine H3 receptor. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	HH3R; G-protein coupled receptor 97; HRH3; GPCR97;
Accession:	Q9Y5N1 HRH3_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 0.75 ug/mL is recommended for WB. Human Histamine H3 receptor (isoform 1) has a predicted length of 445 residues and MW of 49 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human; Rat; Predicted to react with mouse due to sequence homology.
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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