

Anti-Human Histamine H4 Receptor Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04390**

3th Edition

Description: Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by a family of histamine receptors, which are a subset of the G-protein coupled receptor superfamily. This gene encodes a histamine receptor that is predominantly expressed in haematopoietic cells. The protein is thought to play a role in inflammation and allergy responses. Multiple transcript variants encoding different isoforms have been found for this gene. HRH4 (Histamine Receptor H4) is a Protein Coding gene. Diseases associated with HRH4 include Paraneoplastic Cerebellar Degeneration and Allergic Hypersensitivity Disease. Among its related pathways are Peptide ligand-binding receptors and CCR5 Pathway in Macrophages. GO annotations related to this gene include G-protein coupled receptor activity and histamine binding. An important paralog of this gene is HRH3.

Antigen: Synthesized peptide derived from the Internal region of human Histamine H4 Receptor

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed primarily in the bone marrow and eosinophils. Shows preferential distribution in cells of immunological relevance such as T-cells, dendritic cells, monocytes, mast cells, neutrophils. Also expressed in a wide variety of peripheral tissues, including the heart, kidney, liver, lung, pancreas, skeletal muscle, prostate, small intestine, spleen, testis, colon, fetal liver and lymph node.