ARG64166
anti-Histamine Receptor H1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Histamine Receptor H1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Histamine Receptor H1
Species	Human
Immunogen	QQTSVRREDKCETD
Conjugation	Un-conjugated
Alternate Names	HRH1, Histamine Receptor H1, Histamine H1 Receptor, HH1R, H1R, Histamine Receptor, Subclass H1, HisH1, H1-R

Application Instructions

Application table

Application	Dilution
IHC-P	2 - 4 µg/ml
WB	0.5 - 1.5 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

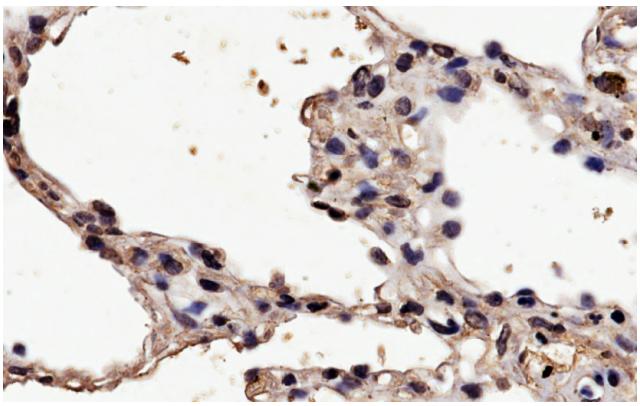
Bioinformation

Database links	GeneID: 3269 Human Swiss-port # P35367 Human
Background	Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. This gene was thought to be intronless until recently. The protein encoded by this gene is an integral membrane protein and belongs to the G protein-coupled receptor superfamily. It mediates the contraction of smooth muscles, the increase in capillary permeability due to contraction of terminal venules, the release of catecholamine from adrenal medulla, and neurotransmission in the central nervous system. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
Research Area	Immune System antibody; Signaling Transduction antibody
Calculated Mw	56 kDa
PTM	Phosphorylation at sites in the second and third cytoplasmic loops independently contribute to agonist-induced receptor downregulation.

Images

ARG64166 anti-Histamine Receptor H1 antibody WB image

Western blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG64166 anti-Histamine Receptor H1 antibody at 0.5 µg/ml dilution.



ARG64166 anti-Histamine Receptor H1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung tissue. Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64166 anti-Histamine Receptor H1 antibody at 4 µg/ml dilution followed by HRP-staining.