

## CAB20159

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### Product Information

<b>Product SKU:</b> CAB20159	<b>Gene ID:</b> 3269	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b> 60kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 56kDa	<b>Isotype:</b> IgG

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### Immunogen Information

<b>Background:</b>	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. 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. It has been associated with multiple processes, including memory and learning, circadian rhythm, and thermoregulation. It is also known to contribute to the pathophysiology of allergic diseases such as atopic dermatitis, asthma, anaphylaxis and allergic rhinitis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
<b>Recommended Dilution:</b>	WB,1:1000 - 1:5000 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	H1R; H1-R; HH1R; hisH1; HRH1
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 250-340 of human HRH1 (NP_000852.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.