

## Polyclonal Antibody to Histamine - Purified

<b>Catalog No.:</b>	BP972
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	5.0 mg/ml
<b>Background:</b>	Histamine is located in mast cells, endocrine cells of the gut, blood cells and in some cells of the peripheral and central nervous system. Histamine is a potent vasodilator when secreted by mast cells found in various tissues as a result of allergic hypersensitivity or inflammation. Histamine causes running nose, sneezing and itching, and narrows the airways in the lungs. In the central nervous system, Histamine is putative neurotransmitter. In the brain, its highest content has been found in the hypothalamus and in certain areas of the mesencephalon.
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Histamine conjugated to cationised Bovine Serum Albumin using a 1,4-Benzoquinone linkage.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.2 <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>ELISA:</b> 1/1000-1/5000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for Histamine, a biogenic amine involved in immune responses. Histamine: 100% Histidine: < 0.1%.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.