

Goat anti-Histamine receptor H1(internal) Antibody

Item Number	dAP-1051
Target Molecule	Principle Name: Histamine receptor H1(internal); Official Symbol: HRH1; All Names and Symbols: histamine receptor H1; H1-R; HRH1; hisH1 ; histamine receptor, subclass H1; Accession Number (s): NP_000852.1; Human Gene ID(s): 3269; Non-Human GeneID(s):
Immunogen	QQTSVRREDKCETD, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Heart lysates (calculated MW of 55.8kDa according to NP_000852.1). Recommended concentration: 0.5-1.5µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Lung shows membranous staining of epithelial cells in tertiar bronchus and in alveoli. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Bryce PJ, Mathias CB, Harrison KL, Watanabe T, Geha RS, Oettgen HC. The H1 histamine receptor regulates allergic lung responses. <i>J Clin Invest.</i> 2006 Jun;116(6):1624-32. Epub 2006 May 4. PMID: 16680192 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**