

Goat anti-Histamine Receptor H1 (C Term) Antibody

Item Number	dAP-0704
Target Molecule	Principle Name: Histamine Receptor H1 (C Term); Official Symbol: HRH1; All Names and Symbols: HRH1; histamine receptor H1; HGNC:5182; H1-R; hisH1; histamine receptor, subclass H1; OT-THUMP00000160133; histamine H(1) receptor; Accession Number (s): NP_000852.1; NP_001091681.1; NP_001091682.1; NP_001091683.1; Human Gene ID(s): 3269; Non-Human GeneID(s): 15465 (mouse) 24448 (rat)
Immunogen	CNENFKKTFKRILH, is from C Terminus Variants (NP_000852.1; NP_001091681.1; NP_001091682.1; NP_001091683.1) encode the same protein.
Applications	Pep ELISA, 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 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 55kDa and 37kDa in Human Duodenum lysate after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the 37kDa band we observe given the calcu
IHC	Immunohistochemistry: In paraffin embedded Human Colon shows membranous staining. Recommended concentration: 4-6µg/ml. Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kawakami N, Miyoshi K, Horio S, Fukui H. Beta(2)-adrenergic receptor-mediated histamine H(1) receptor down-regulation: another possible advantage of beta(2) agonists in asthmatic therapy. J Pharmacol Sci. 2004 Apr;94(4):449-58. .PMID: 15107586 ->

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 ender users! This product is sold for **Research Use Only**