ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Histamine Receptor H2 (aa309-323) Antibody

Item Number	dAP-2407
Target Molecule	Principle Name: Histamine Receptor H2 (aa309-323); Official Symbol: HRH2; All Names and Symbols: HRH2; histamine receptor H2; H2R; HH2R; gastric receptor 1; gastric receptor I; histamine H2 receptor; Accession Number (s): NP_001124527.1; NP_071640.1; Human Gene ID(s): 3274; Non-Human GeneID (s):
Immunogen	SHNSHKTSLRLNNS, is from internal region This antibody is expected to recognize both reported isoforms (NP_001124527.1; NP_071640.1).
Applications	Pep ELISA, WB 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; Reconsititute 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: Approx 45kDa band observed in Human Duodenum and Ileum lysates (calculated MW of 44.5kDa according to NP_001124527.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Nakane H, Sonobe Y, Watanabe T, Nakano K. Histamine: its novel role as an endogenous regulator of Con A-dependent T cell proliferation. Inflamm Res. 2004 Jul;53(7):324-8..PMID: 15241568->

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

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