

Product datasheet for **AP33416PU-N**

HRH2 (C-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, PEP-ELISA, WB
Recommended Dilution:	Peptide ELISA: 1/128000 (Detection Limit). Western blot: Preliminary experiments gave bands at approx 55kDa and a stronger 28kDa in Human Colon and Duodenum lysates after 0.1 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 40.1kDa according to NP_071640.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). Immunohistochemistry/Immunofluorescence: This antibody was successfully used on coronal Rat brain slices as reported in <i>Peng et al</i> , <i>Neurosci Lett.</i> 2013 Apr 29;541:87-92. PMID:23466693.
Reactivity:	Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C-Terminus of the protein sequence according to NP_071640.1; NP_001124527.1.
Specificity:	This antibody is expected to recognise both reported isoforms.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.



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Stability:	Shelf life: one year from despatch.
Gene Name:	histamine receptor H2
Database Link:	Entrez Gene 3274 Human P25021
Synonyms:	H2R, HRH2, Gastric receptor I