

Product datasheet for **AP32076PU-N**

AGRP (C-term) Goat Polyclonal Antibody

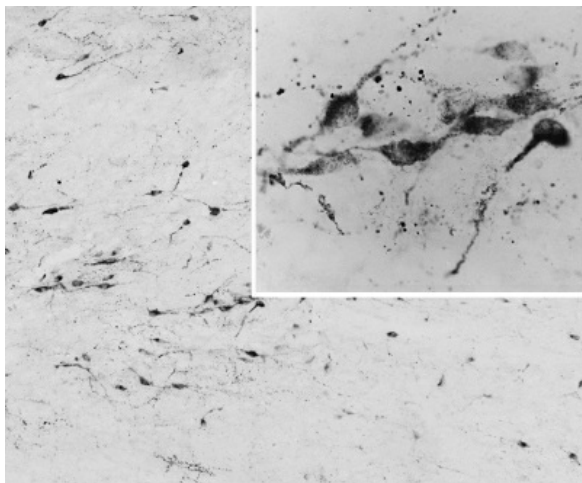
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, PEP-ELISA
Recommended Dilution:	Peptide ELISA: 1/32000 (Detection Limit). Western Blot: Preliminary experiments gave bands at approx 45kDa and 24kDa in Human Brain 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 14.4kDa according to NP_001129.1 and NP_015531.1. 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 on Frozen Sections: 0.05-0.1 µg/ml. Frozen section of Human Hypothalamus shows staining of a group of neuronal cell bodies in the Human infundibular (arcuate) nucleus and their varicose axons.
Reactivity:	Canine, Human, Porcine
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C-Terminus of Human AGRP (NP_001129.1; NP_015531.1).
Specificity:	This antibody is expected to recognise both reported isoforms of AGRP (as represented by NP_001129; NP_015531).
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified IgG 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:	agouti related neuropeptide
Database Link:	Entrez Gene 181 Human O00253
Synonyms:	AGRT, ART

Product images:

AP32076PU-N (0.05µg/ml) staining of PFA-perfused cryosection of Human Hypothalamus. Antigen retrieval with citrate buffer Ph 6 at 80°C for 30min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp