



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

**Research Use Only. Not for
diagnostic or therapeutic use.**

Storage: For long-term storage
keep aliquots at -20°C. (Store no
longer than 12 months at 4°C).
Minimize freezing and thawing.

EB06876 - Goat Anti-Ghrelin preproprotein Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ghrelin/obestatin, ghrelin, growth hormone secretagogue receptor ligand, OTTHUMP00000207798, OTTHUMP00000207796, OTTHUMP00000207795, OTTHUMP00000207794;, ghrelin/obestatin preprohormone, obestatin, ghrelin/obestatin prepropeptide, preproghrelin, motilin-related peptide, ghrelin precursor, ghrelin, MTLRP, GHRL

Official Symbol: GHRL

Accession Number(s): NP_057446.1; NP_001128413.1; NP_001128416.1;
NP_001128417.1; NP_001128418.1

Human GenelD(s): [51738](#)

Important Comments: This antibody is expected to recognise all reported isoforms.

Immunogen

Peptide with sequence C-QDILWEEAKEAPADK, from the C Terminus of the protein sequence according to NP_057446.1; NP_001128413.1; NP_001128416.1;
NP_001128417.1; NP_001128418.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of this preproprotein of approx. 12.9kDa according to NP_057446.1 and of its derivatives. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Placenta shows staining of trophoblast cytoplasm. Recommended concentration, 2-5µg/ml.

ICC: This antibody has been successfully used in ICC for rat neurons as described in the following paper: Stoyanova et al, Regul Pept. 2009 Nov 27;158(1-3):86-90, PMID: 19540881.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human

Specific Reference

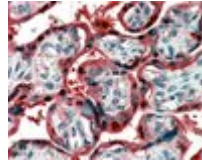
This antibody has been successfully used in the following papers:

Stoyanova II, Wiertz RW, Rutten WL.

Time-dependent changes in ghrelin-immunoreactivity in dissociated neuronal cultures of the newborn rat neocortex.

Regul Pept. 2009 Nov 27;158(1-3):86-90.

PMID: 19540881



EB06876 (2 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.