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EB06876 - Goat Anti-Ghrelin preproprotein Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: GHRL

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

NP_001128417.1; NP_001128418.1

Human GeneID(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.

IHC: In paraffin embedded Human Placenta shows staining of trophoblast cytoplasm.

Recommended concentration: 2-5µg/ml. Paraffin embedded Human Colon.

Recommended concentration: 2ug/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human

Specific Reference

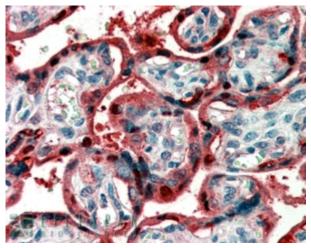
This antibody has been successfully used in ICC on Rat:

Stoyanova II, Wiertz RW, Rutten WL.

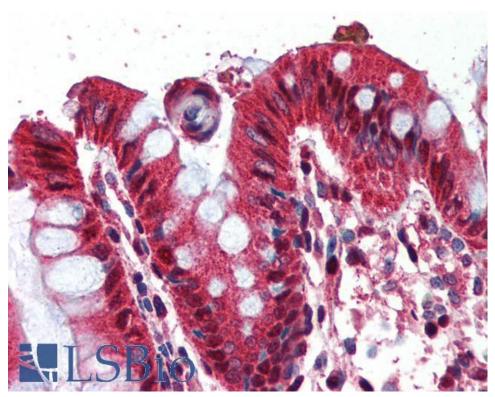
Time-dependent changes in ghrelin-immunoreactivity in dissociated neuronal cultures of the newborn rat neocortex.

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

PMID: 19540881



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



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