

## Goat anti-Ghrelin preproprotein Antibody

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| <b>Item Number</b>     | dAP-0696  |
| <b>Target Molecule</b> | Principle Name: Ghrelin preproprotein; Official Symbol: GHRL; All Names and Symbols: GHRL; MTLRP; ghrelin; ghrelin precursor; motilin-related peptide; preproghrelin; ghrelin/obestatin prepropeptide; obestatin; OTTHUMP00000207794; OTTHUMP00000207795; OTTHUMP00000207796; OTTHUMP00000207798; ghrelin, growth hormone secretagogue receptor liga; Accession Number (s): NP_057446.1; NP_001128413.1; NP_001128416.1; NP_001128417.1; NP_001128418.1; Human Gene ID(s): 51738; Non |
| <b>Immunogen</b>       | QDILWEEAKEAPADK, is from C Terminus<br>This antibody is expected to recognise all reported isoforms.  |
| <b>Applications</b>    | Pep ELISA, IHC, ICC<br><br>Species Tested: Human, Rat   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 8000.   |
| <b>Western Blot</b>    | 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  |
| <b>IHC</b>             | Immunohistochemistry: In paraffin embedded Human Placenta shows staining of trophoblast cytoplasm. Recommended concentration, 2-5µg/ml.   |
| <b>Reference</b>       | Reference(s): Ghigo E, Broglio F, Arvat E, Maccario M, Papotti M, Muccioli G. Ghrelin: more than a natural GH secretagogue and/or an orexigenic factor. Clin Endocrinol (Oxf). 2005 Jan;62(1):1-17. .PMID: 15638864 ->  |

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**