

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11801 - Goat Anti-IDE (long isoform aa10-14)) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Abeta-degrading protease, IDE, insulin protease, insulinase, insulin-degrading enzyme, INSULYSIN Official Symbol: IDE Accession Number(s): NP_004960.2; NP_001159418.1 Human GeneID(s): <u>3416</u>

Immunogen

Peptide with sequence HPALPSTFRSVLGAR-C, from the N Terminus of the protein sequence according to NP_004960.2; NP_001159418.1.

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

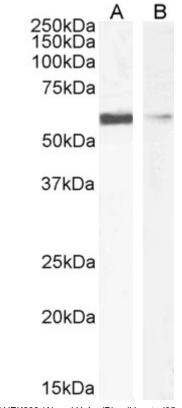
Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Approx 58-60kDa band observed in cell lysates of HEK293 and HeLa calculated MW of 54.2kDa according to NP_001159418.1). Recommended concentration: $1-2\mu g/ml$.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Cow





EB11801 (1µg/ml) staining of HEK293 (A) and HeLa (B) cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.