

### **International Office**

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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**

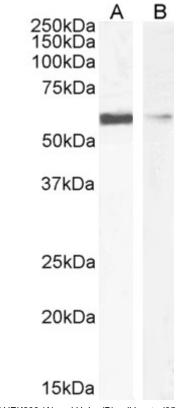
Peptide ELISA: antibody detection limit dilution 1:2000.

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.