

## UK 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):** [3416](#)

### 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: 1-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Cow



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