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EB07899 - Goat Anti-Ide (mouse) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Ide, insulin-degrading enzyme, 1300012G03Rik, 4833415K22Rik, AA675336, AI507533, INSULYSIN, insulinase, insulysin
Official Symbol: Ide
Accession Number(s): NP_112419.2
Non-Human GeneID(s): 15925 (mouse), 25700 (rat)

Immunogen

Peptide with sequence C-QQYNYDRDNIE, from the internal region of the protein sequence according to NP_112419.2.

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 1:16000.
Western blot: Approx 110kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 118kDa according to NP_112419.2). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Mouse, Rat
Expected from sequence similarity: Mouse, Rat

EB07899 (1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.