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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09138 - Goat Anti-ITM2B Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ITM2B, integral membrane protein 2B, ABRI, BRI, BRI2, BRICD2B, E25B, E3-16, FBD, BRICHOS domain containing 2B, OTTHUMP00000018394

Official Symbol: ITM2B

Accession Number(s): NP_068839.1

Human GeneID(s): [9445](#)

Non-Human GeneID(s): 16432 (mouse), 290364 (rat)

Immunogen

Peptide with sequence C-HDKETYKLQRRETIK, from the internal region of the protein sequence according to NP_068839.1.

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 1:8000.

Western blot: Approx. 33kDa band observed in Human Brain (Cerebellum and Hippocampus) lysates (calculated MW of 30.3kDa according to NP_068839.1).
Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow

EB09138 (1µg/ml) staining of Human Hippocampus lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09138 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.