

#### **International Office**

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# EB10209 - Goat Anti-GPRIN3 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: FLJ42625, G protein-regulated inducer of neurite outgrowth 3, GPRIN

family member 3, GRIN3, GPRIN3

Official Symbol: GPRIN3

Accession Number(s): NP\_938022.2

Human GenelD(s): 285513

### **Immunogen**

Peptide with sequence C-TLEENRQTKT, from the internal region of the protein sequence according to NP\_938022.2.

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 1:4000.

Western blot: Approx 80kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 82.4kDa according to NP\_938022.2). Recommended concentration: 1-3μg/ml. An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunizing peptide.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10209 (1μg/ml) staining of Human Hippocampus lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.