

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB10853 - Goat Anti-GRID1 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: GRID1, glutamate receptor, ionotropic, delta 1, KIAA1220,

OTTHUMP00000059648 **Official Symbol:** GRID1

Accession Number(s): NP\_060021.1

Human GeneID(s): 2894

Non-Human GenelD(s): 14803 (mouse), 79219 (rat)

#### **Immunogen**

Peptide with sequence C-QETPKEDKEVNLEQ, from the Internal region of the protein sequence according to NP\_060021.1.

Please note the <u>peptide</u> 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: Preliminary experiments gave an approx 60kDa band in Human Brain (Amygdala) lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 112kDa according to NP\_060021.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### **Species Reactivity**

Tested:

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