

## **UK Office**

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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 GenelD(s): <u>2894</u> 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 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:** 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