

# **UK Office**

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# EB12790 - Goat Anti-GDE1 / MIR16 (aa230-242) Antibody

Size: 100µg specific antibody in 200µl

# **C**

### **Target Protein**

Principal Names: GDE1, glycerophosphodiester phosphodiesterase 1, 363E6.2, MIR16, RGS16-interacting membrane protein, membrane interacting protein of RGS16, membrane-interacting protein of RGS16 Official Symbol: GDE1 Accession Number(s): NP\_057725.1 Human GeneID(s): <u>51573</u> Non-Human GeneID(s): 56209 (mouse), 60418 (rat)

### Immunogen

Peptide with sequence C-SLSHTGDGKPRYD , from the internal region of the protein sequence according to NP\_057725.1.

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.

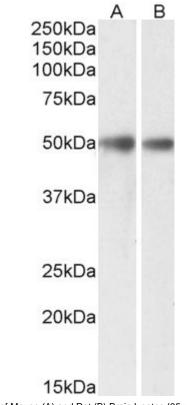
# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

**Western blot:** Approx 50kDa band observed in Mouse and Rat Brain lysates (calculated MW of 37.7kDa according to NP\_057725.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration:  $0.3-1\mu g/ml$ .

# **Species Reactivity**

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



EB12790 (0.3µg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.