

### **UK Office**

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# EB10417 - Goat Anti-GM2A (aa 164-175) Antibody

Size: 100µg specific antibody in 200µl

#### **Target Protein**

Principal Names: cerebroside sulfate activator protein, GM2 ganglioside activator, SAP-3, sphingolipid activator protein 3, GM2A Official Symbol: GM2A Accession Number(s): NP\_000396.2 Human GeneID(s): <u>2760</u> Non-Human GeneID(s): 14667 (mouse), 282838 (rat) Important Comments: This antibody is expected to recognize isoform 1 (NP\_000396.2) only.

### Immunogen

Peptide with sequence C-TTGNYRIESVLS, from the internal region of the protein sequence according to NP\_000396.2.

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**

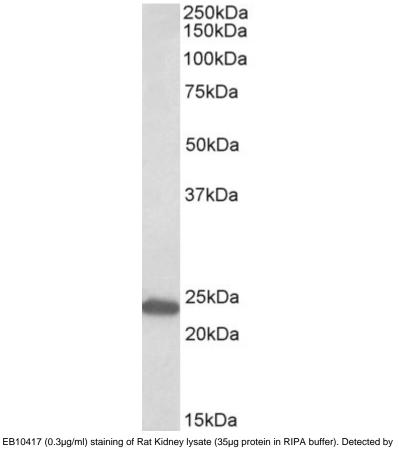
Peptide ELISA: antibody detection limit dilution 1:4000.

**Western blot:** Approx. 24kDa band was observed in Rat Kidney lysates (calculated MW of 21.5kDa according to NP\_758838.2 ). Recommended concentration:  $0.3-1\mu g/ml$ . Primary incubation was 1 hour.

Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information.

#### **Species Reactivity**

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



chemiluminescence.