

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10418 - Goat Anti-GM2A (aa 179-189) 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):** [2760](#)

**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 KRLGCIKIAAS, 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: 0.3-1µg/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](mailto:sales@everestbiotech.com) to request datasheet, pricing and delivery information.

### Species Reactivity

**Tested:** Rat

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



EB10418 (0.3 $\mu$ g/ml) staining of Rat Kidney lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.