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Research Use Only. Not for diagnostic or therapeutic use.

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): 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 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



EB10417 (0.3μg/ml) staining of Rat Kidney lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.