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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.

Species Reactivity

Tested: Rat

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



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