

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

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): <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 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

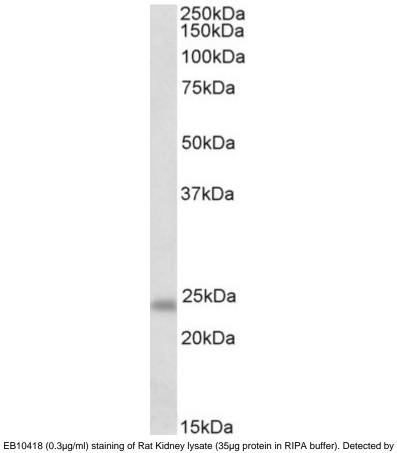
Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx. 24kDa band was observed in Rat Kidney lysates (calculated MW of 21.5kDa according to NP_758838.2). Recommended concentration: $0.3-1\mu g/ml$. 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, Dog



B10418 (0.3µg/ml) staining of Rat Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.