

Goat anti-GM2A (aa 164-175) Antibody

Item Number	dAP-2332
Target Molecule	Principle Name: GM2A (aa 164-175); Official Symbol: GM2A; All Names and Symbols: GM2A; GM2 ganglioside activator; SAP-3; cerebroside sulfate activator protein; sphingolipid activator protein 3; Accession Number (s): NP_000396.2; Human Gene ID(s): 2760; Non-Human GeneID(s): 14667 (mouse) 282838 (rat)
Immunogen	TTGNYRIESVLS, is from internal region This antibody is expected to recognize isoform 1 (NP_000396.2) only.
Applications	Pep ELISA, WB Species Tested: Human, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing full-length Human GM2A (myc and DYKDDDDK tagged), a band of approx. 28kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag an
IHC	

Reference	Reference(s): Todeschini AR, Dos Santos JN, Handa K, Hakomori SI, Ganglioside GM2-tetraspanin CD82 complex inhibits met and its cross-talk with integrins, providing a basis for control of cell motility through glycosynapse. The Journal of biological chemistry 2007 Mar 282 (11): 8123-33..PMID: 17215249->
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Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**