

## Goat anti-GDE1 / MIR16 (aa230-242) Antibody

<b>Item Number</b>	dAP-3275
<b>Target Molecule</b>	Principle Name: GDE1 / MIR16 (aa230-242); Official Symbol: GDE1; All Names and Symbols: GDE1; glycerophosphodiester phosphodiesterase 1; 363E6.2; MIR16; RGS16-interacting membrane protein; membrane interacting protein of RGS16; Accession Number (s): NP_057725.1; Human Gene ID(s): 51573; Non-Human GeneID(s): 56209 (mouse) 60418 (rat)
<b>Immunogen</b>	SLSHTGDGKPRYD , is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in Mouse and Rat Brain lysates (calculated MW of 37.7kDa according to NP_057725.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Bachmann AS, Duennebieer FF, Mocz G. Genomic organization, characterization, and molecular 3D model of GDE1, a novel mammalian glycerophosphoinositol phosphodiesterase. Gene 2006 Apr 371 (1): 144-53..PMID: 16472945->

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**