# GM2/GD2 synthase rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|---|---|---|---|
| A15127 | Rabbit | 1 mg/ml | 58882 |

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|---|---|
| **Applications** | WB,ELISA |
| **Reactivity** | Human,Mouse,Rat |
| **Dilution** | WB: 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications. |
| **Storage** | -20°C/1 year |
| **Specificity** | GM2/GD2 synthase Polyclonal Antibody detects endogenous levels of GM2/GD2 synthase protein. |
| **Source / Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human B4GALNT1. AA range:281-330 |
| **Uniprot No** | Q00973 |
| **Alternative names** | B4GALNT1; GALGT; SIAT2; Beta-1; 4 N-acetylgalactosaminyltransferase 1; (N-acetylneuraminyl)-galactosylglucosylceramide; GM2/GD2 synthase; GalNAc-T |
| **Form** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Conjugation** | |
| **Background** | beta-1,4-N-acetyl-galactosaminyltransferase 1(B4GALNT1) Homo sapiens GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013], |
| **Other** | B4GALNT1, Beta-1,4 N-acetylgalactosaminyltransferase 1 |

**Produtc Images：**

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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