GM2/GD2 synthase Polyclonal Antibody

Cat #: ABP51441   Size: 30µl /100µl /200µl

Product Information

	Product Name: GM2/GD2 synthase Polyclonal Antibody		
	Applications: WB, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP51441	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	⚠	**Note:** Contain sodium azide.

Background: GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. Beta-1,4 N-acetylgalactosaminyltransferase 1 is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. Beta-1,4 N-acetylgalactosaminyltransferase 1 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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
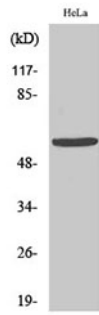
Fig. Western Blot analysis of various cells using GM2/GD2 synthase Polyclonal Antibody.