



GM2A Rabbit pAb

Catalog No	YP-Ab-19514
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	GM2A
Immunogen	Synthesized peptide derived from human GM2A. AA range:1-31
Specificity	This antibody detects endogenous levels of GM2A at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	GM2A;Ganglioside GM2 activator (Cerebroside sulfate activator protein) (GM2-AP) (Shingolipid activator protein 3) (SAP-3) [Cleaved into: Ganglioside GM2 activator isoform short]
Observed Band	
Calculated Molecular Weight	21kD
Cell Pathway	Lysosome.
Tissue Specificity	
Function	The large binding pocket can accommodate several single chain phospholipids and fatty acids , GM2A also exhibits some calcium-independent phospholipase activity (By similarity) . Binds gangliosides and stimulates ganglioside GM2 degradation. It stimulates only the breakdown of ganglioside GM2 and glycolipid GA2 by beta-hexosaminidase A. It extracts single GM2 molecules from membranes and presents them in soluble form to beta-hexosaminidase A for cleavage of N-acetyl-D-galactosamine and conversion to GM3 (By similarity) . Has cholesterol transfer activity .
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images