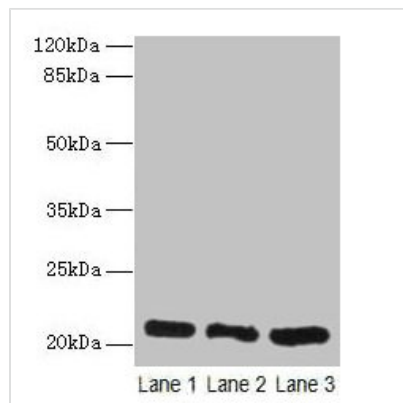




GM2A Antibody

Product Code	CSB-PA02379A0Rb
Abbreviation	Ganglioside GM2 activator
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P17900
Immunogen	Recombinant Human Ganglioside GM2 activator protein (32-193AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Tested Applications	ELISA, WB, IHC, IP; Recommended dilution: WB:1:1000-5000, IHC:1:20-1:200, IP:1:200-1:2000
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Ganglioside GM2 activator (Cerebroside sulfate activator protein) (GM2-AP) (Sphingolipid activator protein 3) (SAP-3) [Cleaved into: Ganglioside GM2 activator isoform short], GM2A
Species	Human
Research Area	Tags & Cell Markers
Target Names	GM2A
Image	



Western blot

All lanes: GM2A antibody at 10 μ g/ml

Lane 1: Rat liver tissue

Lane 2: Mouse stomach tissue

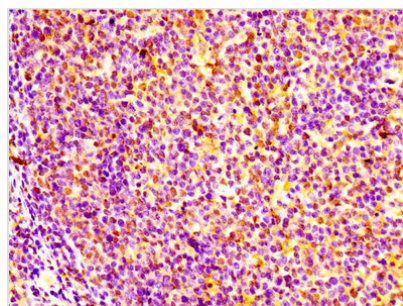
Lane 3: Mouse small intestine tissue

Secondary

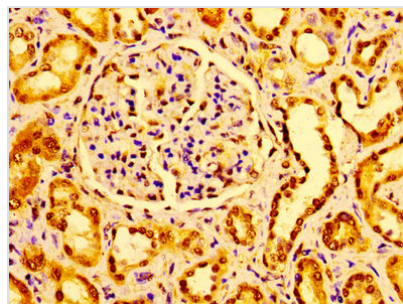
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 21 kDa

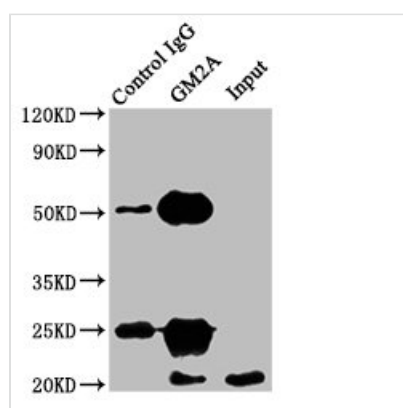
Observed band size: 21 kDa



Immunohistochemistry of paraffin-embedded human tonsil tissue using CSB-PA02379A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA02379A0Rb at dilution of 1:100



Immunoprecipitating GM2A in HEK293 whole cell lysate

Lane 1: Rabbit control IgG instead of CSB-PA02379A0Rb in HEK293 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: CSB-PA02379A0Rb (8 μ g) + HEK293 whole cell lysate (500 μ g)

Lane 3: HEK293 whole cell lysate (10 μ g)