

HS3ST4 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant human Heparan Sulfate 3-O-Sulfotransferase4/HS3ST4 Gly184-Lys456
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2576286

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5-15 µg/mL	-

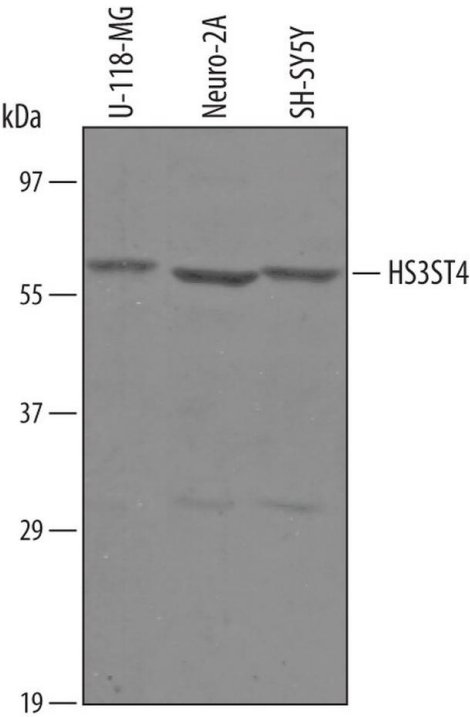
Product Specific Information

Reconstitute at 0.2 mg/mL in sterile PBS.

Product Images For HS3ST4 Polyclonal Antibody

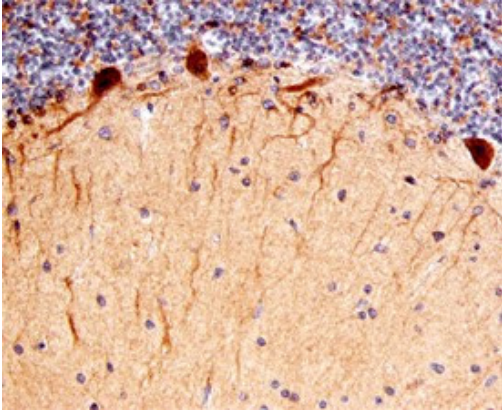
HS3ST4 Antibody (PA5-47809) in WB

Western blot analysis of HS3ST4 in U,118,MG human glioblastoma/astrocytoma cell line, Neuro,2A mouse neuroblastoma cell line, and SH,SY5Y human neuroblastoma cell line. Samples were incubated in HS3ST4 polyclonal antibody (Product # PA5-47809) using a dilution of 1 µg/mL followed by a HRP-conjugated Anti-Sheep IgG secondary antibody. A specific band was detected for Sulfate 3,O ,Sulfotransferase 4/HS3ST4 at approximately 58 kDa (as indicated). This experiment was conducted under reducing conditions.



HS3ST4 Antibody (PA5-47809) in IHC (P)

Immunohistochemical analysis of HS3ST4 in immersion fixed paraffin-embedded sections of human brain (cerebellum). Samples were incubated in HS3ST4 polyclonal antibody (Product # PA5-47809) using a dilution of 3 µg/mL overnight at 4 °C. Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic . Tissue was stained using the Anti-Sheep HRP-DAB Cell & Tissue Staining Kit (brown) and counterstained with hematoxylin (blue). Specific staining was localized to Purkinje neurons.



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