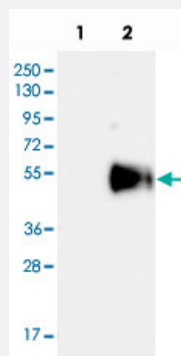


HS3ST5 polyclonal antibody

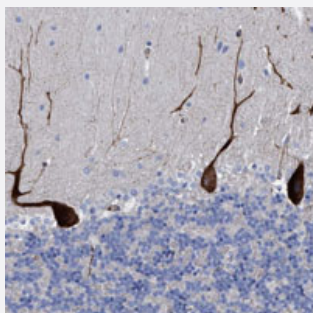
Catalog # PAB28249 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with HS3ST5 polyclonal antibody (Cat # PAB28249).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with HS3ST5 polyclonal antibody (Cat # PAB28249) shows strong cytoplasmic positivity in Purkinje cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant HS3ST5.
Immunogen	Recombinant protein corresponding to amino acids of recombinant HS3ST5.
Sequence	DRLQPICPIEGRLLGGARTQAEFPLRALQFKRGLLHEFRKGNASKEQVRLHDLVQQLPKAIIIGVRKG GTRALLEMLNLHPAVVKASQEIHF
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:100-1:250) Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — HS3ST5

Entrez GeneID	222537
Gene Name	HS3ST5
Gene Alias	3-OST-5, 3OST5, HS3OST5
Gene Description	heparan sulfate (glucosamine) 3-O-sulfotransferase 5
Omim ID	609407
Gene Ontology	Hyperlink
Gene Summary	HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).[supplied by OMIM]

Other Designationsheparan sulfate 3-OST-5

Pathway

- [Heparan sulfate biosynthesis](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)