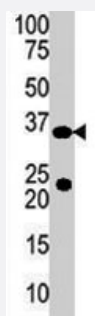


SULT4A1 polyclonal antibody

Catalog # PAB1946

Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of SULT4A1 polyclonal antibody (Cat # PAB1946) in mouse cerebellum tissue lysate (35 ug/lane). SULT4A1a/b (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SULT4A1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human SULT4A1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% 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 (Tissue lysate)

Western blot analysis of SULT4A1 polyclonal antibody (Cat # PAB1946) in mouse cerebellum tissue lysate (35 ug/lane). SULT4A1a/b (arrow) was detected using the purified polyclonal antibody.

Gene Info — SULT4A1

Entrez GeneID	25830
Protein Accession#	NP_055166;NP_795343
Gene Name	SULT4A1
Gene Alias	BR-STL-1, BRSTL1, DJ388M5.3, MGC40032, NST, SULTX3, hBR-STL-1
Gene Description	sulfotransferase family 4A, member 1
Omim ID	608359
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the sulfotransferase family. The encoded protein is a brain-specific sulfotransferase believed to be involved in the metabolism of neurotransmitters. Polymorphisms in this gene may be associated with susceptibility to schizophrenia. [provided by RefSeq]
Other Designations	OTTHUMP00000028875 brain sulphotransferase-like nervous system cytosolic sulfotransferase sulfotransferase-related protein

Publication Reference

- [Localization of a brain sulfotransferase, SULT4A1, in the human and rat brain: an immunohistochemical study.](#)

Liyou NE, Buller KM, Tresillian MJ, Elvin CM, Scott HL, Dodd PR, Tannenberg AE, McManus ME.

The Journal of Histochemistry and Cytochemistry 2003 Dec; 51(12):1655.

Application: IHC-P, WB, Human, Rat, Brains

- [Human cytosolic sulphotransferases: genetics, characteristics, toxicological aspects.](#)

Glatt H, Boeing H, Engelke CE, Ma L, Kuhlown A, Pabel U, Pomplun D, Teubner W, Meinel W.

Mutation Research 2001 Oct; 482(1-2):27.

- [Sulfation and sulfotransferases 1: Sulfotransferase molecular biology: cDNAs and genes.](#)

Weinshilboum RM, Otterness DM, Aksoy IA, Wood TC, Her C, Raftogianis RB.

FASEB Journal 1997 Jan; 11(1):3.

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