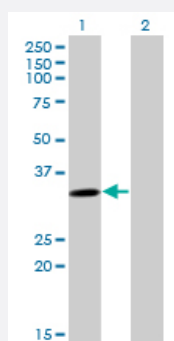


SULT4A1 monoclonal antibody (M02), clone 3C1

Catalog # H00025830-M02

Size 100 ug

Applications

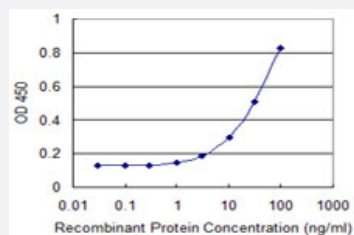


Western Blot (Transfected lysate)

Western Blot analysis of SULT4A1 expression in transfected 293T cell line by SULT4A1 monoclonal antibody (M02), clone 3C1.

Lane 1: SULT4A1 transfected lysate (33 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SULT4A1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SULT4A1.

Immunogen	SULT4A1 (NP_055166.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAESEAETPSTPGEFESKYFEFHGVRLPPFCRGKMEEIANFPVRPSDVWVWVTPKSGTSLQEVV YLVSQGADPDEIGLMNIDEQLPVLEYPQPGLDIK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SULT4A1 expression in transfected 293T cell line by SULT4A1 monoclonal antibody (M02), clone 3C1.

Lane 1: SULT4A1 transfected lysate(33 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SULT4A1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SULT4A1

Entrez GeneID	25830
GeneBank Accession#	NM_014351
Protein Accession#	NP_055166.1
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

Disease

- [Cognition Disorders](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)
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- [Psychiatric Status Rating Scales](#)
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