Mouse SulT1A1 Monoclonal Antibody | anti-SulT1A1 antibody

SulT1A1 antibody

CATALOG #	HOST	APPLICATIONS
AAA107339	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

SulT1A1; Monoclonal Antibody; SulT1A1 antibody; Monoclonal SulT1A1; Anti-SulT1A1; Sulfotransferase Family Cytosoli 1cA Phenol-Preferring Member 1; HAST1/HAST2; MGC131921; MGC5163; P-PST; PST; ST1A3; STP; STP1; TSPST1; SulTA 1; SulTA-1; anti-SulT1A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9B7
Purity/Purification	SulT1A1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	295
Applicable Applications for anti-SulT1A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. SulT1A1 is one of two phenol sulfotransferases with thermostable enzyme activity.
Cross-Reactivity	Human
Immunogen	SulT1A1 antibody was raised in mouse using a full length recombinant protein of human SulT1A1 (NP_001046) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

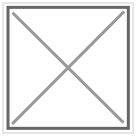
IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant SulT1A1 protein using SulT1A1 antibody



IHC (Immunohiostchemistry)
Immunohistochemical analysis of SulT1A1 protein in paraffin embedded Carcinoma of Human prostate tissue using SulT1A1 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SulT1A1 protein (Right) or empty vector (Left) detected with SulT1A1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SulT1A1 antibody	Mouse monoclonal SulT1A1 antibody
Product Categories/Family for anti-SulT1A1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	29540531
NCBI GeneID	6817
NCBI Accession #	NP_001046
NCBI GenBank Nucleotide #	NM_001055.3
UniProt Accession #	P50225; Q2NL71; Q86U58; Q92818; Q9BVU6; Q9UGG7
Molecular Weight	25,388 Da
NCBI Official Full Name	sulfotransferase 1A1 isoform a
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1
NCBI Official Symbol	SULT1A1
NCBI Official Synonym Symbols	PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2
NCBI Protein Information	sulfotransferase 1A1
UniProt Protein Name	Sulfotransferase 1A1
UniProt Gene Name	**SULT1A1**
UniProt Synonym Gene Names	STP; STP1; ST1A1; P-PST 1; Ts-PST
UniProt Entry Name	ST1A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/sult1a1-antibody-clone-9b7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107339