

Rabbit anti-Human SULT1A3 Polyclonal Antibody | anti-SULT1A3 antibody

SULT1A3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284632	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

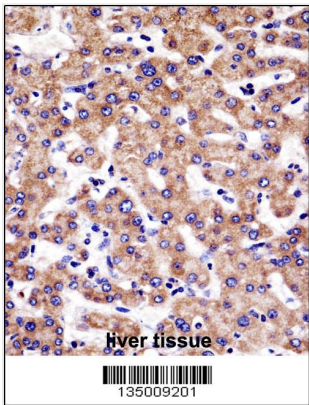
PRODUCT SYNONYMS

SULT1A3; Polyclonal Antibody; SULT1A3 Antibody (Center); STM; Sulfotransferase 1A3/1A4; Aryl sulfotransferase 1A3/1A4; Catecholamine-sulfating phenol sulfotransferase; HAST3; M-PST; Monoamine-sulfating phenol sulfotransferase; Placental estrogen sulfotransferase; Sulfotransferase; monoamine-preferring; Thermolabile phenol sulfotransferase; anti-SULT1A3 antibody

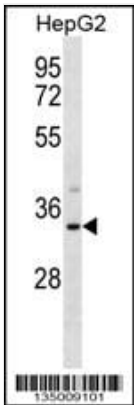
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SULT1A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-95 amino acids from the Central region of human SULT1A3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	67-95
Sequence Length	295
Applicable Applications for anti-SULT1A3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
SULT1A3 Antibody (Center) (AAA284632)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SULT1A3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SULT1A3 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the SULT1A3 antibody detected the SULT1A3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SULT1A3 antibody	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. This gene encodes a phenol sulfotransferase with thermolabile enzyme activity. Four sulfotransferase genes are located on the p arm of chromosome 16; this gene and SULT1A4 arose from a segmental duplication. This gene is the most centromeric of the four sulfotransferase genes. Read-through transcription exists between this gene and the upstream SLX1A (SLX1 structure-specific endonuclease subunit homolog A) gene that encodes a protein containing GIY-YIG domains.
Product Categories/Family for anti-SULT1A3 antibody	Neuroscience; Signal Transduction
References	Mitra, P., et al. Biochem. Pharmacol. 78(12):1475-1482(2009) Riches, Z., et al. Drug Metab. Dispos. 37(11):2255-2261(2009) Yasuda, S., et al. Neurosci. Res. 64(3):273-279(2009) Salman, E.D., et al. Drug Metab. Dispos. 37(4):706-709(2009) Miksits, M., et al. J. Pharm. Pharmacol. 61(2):185-191(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62868225
NCBI GeneID	445329
NCBI Accession #	NP_001017390.1; NP_808220.1
NCBI GenBank Nucleotide #	NM_001017390.2
UniProt Accession #	P50224; O95603; Q1ET66; Q6ZWJ5; B4DNV0; P0DMN0
Molecular Weight	34,196 Da
NCBI Official Full Name	sulfotransferase 1A4
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4

NCBI Official Symbol	SULT1A4
NCBI Official Synonym Symbols	HAST3; M-PST; ST1A4; TL-PST; ST1A3/ST1A4
NCBI Protein Information	sulfotransferase 1A4
UniProt Protein Name	Sulfotransferase 1A4
UniProt Gene Name	SULT1A4
UniProt Synonym Gene Names	ST1A4
UniProt Entry Name	ST1A4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sult1a3-antibody-immunohistochemistry-western-blot-elisa/284632>