SULT1A3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SULT1A3, Polyclonal Antibody
Full Product Name	SULT1A3 Antibody, HRP conjugated
Product Gene Name	anti-SULT1A3 antibody
Product Synonym Names	Aryl sulfotransferase 1A3/1A4; Catecholamine-sulfating phenol sulfotransferase; HAST3; M-PST; Monoamine-sulfating phenol sulfotransferase; Placental estrogen sulfotransferase; Sulfotransferase 1A3/1A4; Sulfotransferase; monoamine-preferring; Thermolabile phenol sulfotransferase; STM; SULT1A3; ST1A3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: SULT1A3 (MBS7103035) HRP Conjugated Antibody: SULT1A3 (MBS7103036)
Molecular Weight	34,780 Da
OMIM	L19956 mRNA
3D Structure	ModBase 3D Structure for P0DMM9
Immunogen	Recombinant human Sulfotransferase 1A3 protein (1-295AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SULT1A3 antibody	ELISA (EIA)
Related Product Information for anti-SULT1A3 antibody	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of phenolic monoamines (neurotransmitters such as dopamine, norepinephrine and serotonin) and phenolic and catechol drugs.
Other Notes	Small volumes of anti-SULT1A3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SULT1A3 purchase	MBS7103036 is an antibody targeting SULT1A3. Also known as SULT1A3 Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SULT1A3. It may not necessarily be applicable to this product.

NCBI GI #	62868225
NCBI GeneID	445329
NCBI Accession #	NP_001017390.1
UniProt Primary Accession #	P0DMM9
UniProt Secondary Accession #	O95603; P50224; Q1ET66; Q6ZWJ5; B4DNV0
UniProt Related Accession #	P0DMN0
GenBank Nucleotide #	NM_001017390.2
NCBI Official Full Name	sulfotransferase 1A4
NCBI Official Synonym Full Names	sulfotransferase family 1A member 4
NCBI Official Symbol	SULT1A4
NCBI Official Synonym Symbols	HAST3; M-PST; ST1A4; TL-PST; ST1A3/ST1A4
UniProt Protein Name	Sulfotransferase 1A3
UniProt Synonym Protein Names	Aryl sulfotransferase 1A3/1A4; Catecholamine-sulfating phenol sulfotransferase; HAST3; M-PST; Monoamine-sulfating phenol sulfotransferase; Placental estrogen sulfotransferase; Sulfotransferase 1A3/1A4; Sulfotransferase, monoamine-preferring; Thermolabile phenol sulfotransferase; TL-PST
Protein Family	Sulfotransferase
UniProt Gene Name	SULT1A3
UniProt Synonym Gene Names	STM; ST1A3; TL-PST
NCBI Protein Information	sulfotransferase 1A4
NCBI Summary for SULT1A3	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 SULT1A3 arose from a segmental duplication. Read-through transcription exists between this gene and the upstream SLX1B (SLX1 structure-specific endonuclease subunit homolog B) gene that encodes a protein containing GIY-YIG domains. [provided by RefSeq, Nov 2010]
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