

SULT1A3 rabbit monoclonal antibody

Catalog # H00006818-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SULT1A3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SULT1A3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SULT1A3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SULT1A3

Entrez GeneID	6818
GeneBank Accession#	SULT1A3
Gene Name	SULT1A3
Gene Alias	HAST, HAST3, M-PST, MGC117469, ST1A5, STM, SULT1A4, TL-PST
Gene Description	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3
Omim ID	600641
Gene Ontology	Hyperlink
Gene Summary	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. Exons of this gene overlap with exons of a gene that encodes a protein containing GIY-YIG domains (GYD1). Multiple alternatively spliced variants that encode the same protein have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000045747 aryl sulfotransferase catecholamine-sulfating phenol sulfotransferase dopamine-specific sulfotransferase monoamine-preferring sulfotransferase monoamine-sulfating phenosulfotransferase phenol sulfotransferase 1A5*4 placental estrogen su

Pathway

- [Sulfur metabolism](#)