

SULT1E1 rabbit monoclonal antibody

Catalog # H00006783-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SULT1E1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SULT1E1 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 SULT1E1 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 — SULT1E1

Entrez GeneID	6783
GeneBank Accession#	SULT1E1
Gene Name	SULT1E1
Gene Alias	EST, EST-1, MGC34459, STE
Gene Description	sulfotransferase family 1E, estrogen-preferring, member 1
Omim ID	600043
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 protein that transfers a sulfo moiety to and from estrone, which may control levels of estrogen receptors. [provided by RefSeq]
Other Designations	estrogen sulfotransferase estrone sulfotransferase sulfotransferase, estrogen-preferring

Pathway

- [Androgen and estrogen metabolism](#)
- [Sulfur metabolism](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cryptorchidism](#)
- [Endometrial Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Neoplasms](#)
- [Seminoma](#)
- [Testicular Neoplasms](#)
- [Tobacco Use Disorder](#)