

Rabbit SULT1E1 Polyclonal Antibody | anti-SULT1E1 antibody

SULT1E1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322962	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

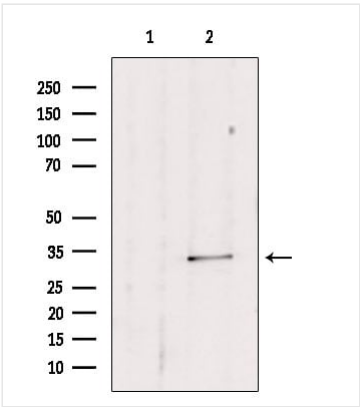
PRODUCT SYNONYMS

SULT1E1; Polyclonal Antibody; SULT1E1 Antibody; EST; EST-1; EST1; Estrogen sulfotransferase; estrogen-preferring; estrone sulfotransferase; ST1E1; ST1E1_HUMAN; STE; Sulfotransferase 1E1; Sulfotransferase; Sulfotransferase estrogen preferring; anti-SULT1E1 antibody

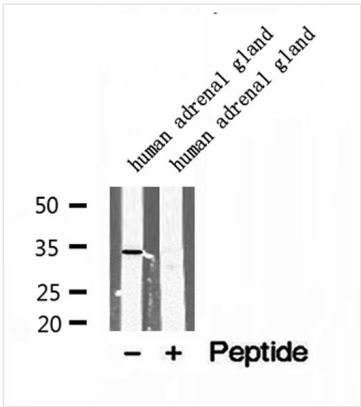
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SULT1E1 antibody detects endogenous levels of SULT1E1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	294
Applicable Applications for anti-SULT1E1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SULT1E1.
Subcellular Location	Cytoplasm.
Tissue Specificity	Liver, intestine and at lower level in the kidney.
Predicted Cross Reactivity	Pig, Horse, Rabbit
Similarity	Pig (89%), Horse (100%), Rabbit (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

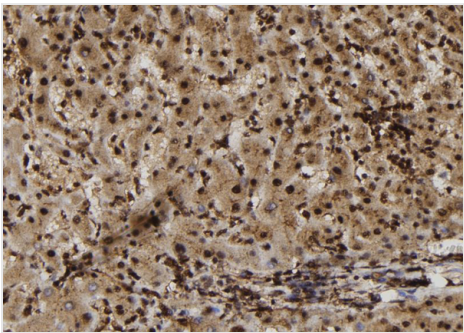
IMAGES



WB (Western Blot)
Western blot analysis of extracts from mouse lung, using SULT1E1 antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)
Western blot analysis of extracts of human adrenal gland tissue, using SULT1E1 antibody.



IHC (Immunohistochemistry)
AAA322962 at 1/100 staining Human liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SULT1E1 antibody

Function: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of estradiol and estrone. May play a role in the regulation of estrogen receptor activity by metabolizing free estradiol. Maximally sulfates beta-estradiol and estrone at concentrations of 20 nM. Also sulfates dehydroepiandrosterone, pregnenolone, ethinylestradiol, equalenin, diethylstilbesterol and 1-naphthol, at significantly higher concentrations; however, cortisol, testosterone and dopamine are not sulfated.

Subunit Structure: Homodimer.

Similarity: Belongs to the sulfotransferase 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885617
NCBI GeneID	6783
NCBI Accession #	NP_005411.1
NCBI GenBank Nucleotide #	NM_005420.2
UniProt Accession #	P49888; Q8N6X5
Molecular Weight	Observed: 32-35 kDa Predicted: 36 kDa
NCBI Official Full Name	estrogen sulfotransferase

NCBI Official Synonym Full Names	sulfotransferase family 1E member 1
NCBI Official Symbol	SULT1E1
NCBI Official Synonym Symbols	EST; STE; EST-1; ST1E1
NCBI Protein Information	estrogen sulfotransferase
UniProt Protein Name	Estrogen sulfotransferase
UniProt Gene Name	SULT1E1
UniProt Synonym Gene Names	STE; ST1E1

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/sult1e1-antibody-immunohistochemistry-western-blot-elisa/322962>