Rabbit SULT1A1 Polyclonal Antibody | anti-SULT1A1 antibody

SULT1A1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199978	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish**	**Immunohistochemistry, Western Blot**

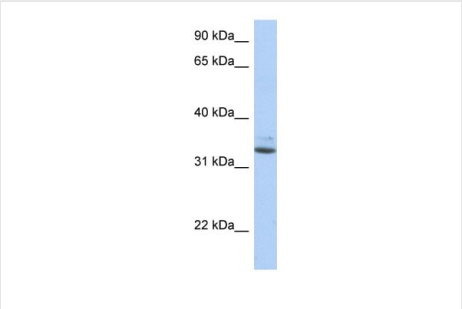
PRODUCT SYNONYMS

SULT1A1; Polyclonal Antibody; SULT1A1 antibody - N-terminal region; anti-SULT1A1 antibody

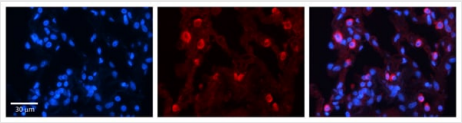
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:EL IQDTSRPPLE YVKGVPLIKY FAEALGPLQS FQARPDDLLI STYPKSGT
Sequence Length	295
Applicable Applications for anti-SULT1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 100%; Rat: 93%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SULT1A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

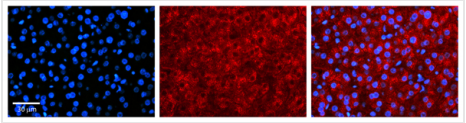
IMAGES



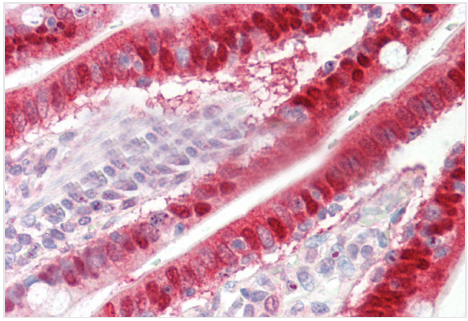
WB (Western Blot)
WB Suggested Anti-SULT1A1 Antibody Titration: 0.2-1 ug/mlPositive Control: Human Liver



IHC (Immunohistochemisry)
SULT1A1 antibody - N-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Lung TissueObserved Staining: Cytoplasm of pneumocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: 1/600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec



IHC (Immunohiostchemistry)
SULT1A1 antibody - N-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Liver TissueObserved Staining: Cytoplasm in hepatocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: 1/600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
Rabbit Anti-SULT1A1 antibodyFormalin Fixed Paraffin Embedded Tissue: Human Adult Small intestineObserved Staining: Cytoplasm in hepatocytesPrimary Antibody Concentration: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-SULT1A1 antibody	This is a rabbit polyclonal antibody against SULT1A1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. SULT1A1 is one of two phenol sulfotransferases with thermostable enzyme activity. 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 one of two phenol sulfotransferases with thermostable enzyme activity. Multiple alternatively spliced variants that encode two isoforms have been identified for this gene.
Product Categories/Family for anti-SULT1A1 antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	29540531
NCBI GeneID	6817
NCBI Accession #	NP_001046
NCBI GenBank Nucleotide #	NM_001055
UniProt Accession #	P50226; P50225
Molecular Weight	34kDa
NCBI Official Full Name	sulfotransferase 1A1 isoform a
NCBI Official Synonym Full Names	sulfotransferase family 1A member 1
NCBI Official Symbol	SULT1A1
NCBI Official Synonym Symbols	PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2
NCBI Protein Information	sulfotransferase 1A1
UniProt Protein Name	Sulfotransferase 1A2
UniProt Gene Name	**SULT1A2**
UniProt Synonym Gene Names	STP2; ST1A2; P-PST 2
UniProt Entry Name	ST1A2_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/sult1a1-antibody-immunohistochemistry-western-blot-elisa/199978