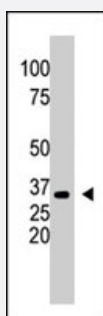


SULT1A1 polyclonal antibody

Catalog # PAB2532

Size 400 uL

Applications



Western Blot (Tissue lysate)

The SULT1A1 polyclonal antibody (Cat # PAB2532) is used in Western blot to detect SULT1A1 in mouse kidney tissue lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SULT1A1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human SULT1A1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

The SULT1A1 polyclonal antibody (Cat # PAB2532) is used in Western blot to detect SULT1A1 in mouse kidney tissue lysate.

Gene Info — SULT1A1

Entrez GeneID	6817
Protein Accession#	NP_001046
Gene Name	SULT1A1
Gene Alias	HAST1/HAST2, MGC131921, MGC5163, P-PST, PST, ST1A3, STP, STP1, TSPST1
Gene Description	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1
Omim ID	171150
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 one of two phenol sulfotransferases with thermostable enzyme activity. Multiple alternatively spliced variants that encode two isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000162569 aryl sulfotransferase phenol-preferring phenol sulfotransferase1 phenol-sulfating phenol sulfotransferase thermostable phenol sulfotransferase1

Publication Reference

- [Active site mutations and substrate inhibition in human sulfotransferase 1A1 and 1A3.](#)

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- [Sulfotransferase 1A1 \(SULT1A1\) polymorphism and bladder cancer risk: a case-control study.](#)

Zheng L, Wang Y, Schabath MB, Grossman HB, Wu X.

Cancer Letters 2003 Dec; 202(1):61.

- [A functional polymorphism in the SULT1A1 gene \(G638A\) is associated with risk of lung cancer in relation to tobacco smoking.](#)

Liang G, Miao X, Zhou Y, Tan W, Lin D.

Carcinogenesis 2003 Dec; 25(5):773.

Pathway

- [Sulfur metabolism](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Asthma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)

- [Cryptorchidism](#)
- [Disease Progression](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hemangioblastoma](#)
- [Hypersensitivity](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)

- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pituitary Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Respiratory Tract Diseases](#)
- [Seminoma](#)
- [Stomach Neoplasms](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)