

**SULT1C3 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11072b****Specification**

---

**SULT1C3 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q6IMI6</a>
Other Accession	<a href="#">NP_001008743.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35889
Antigen Region	264-292

**SULT1C3 Antibody (C-term) - Additional Information****Gene ID** 442038**Other Names**

Sulfotransferase 1C3, ST1C3, SULT1C3

**Target/Specificity**

This SULT1C3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-292 amino acids from the C-terminal region of human SULT1C3.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SULT1C3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SULT1C3 Antibody (C-term) - Protein Information****Name** SULT1C3**Function** [Isoform 1]: Sulfotransferase that utilizes 3'-phospho-5'- adenylyl sulfate (PAPS) as

sulfonate donor. Has sulfotransferase activity towards various substrates, such as bile acids, thyroid hormones and toward xenobiotic compounds such as chloro phenols and hydroxypyrenes. Lithocholic acid appears to be the best substrate among the endogenous compounds tested and 3,3',5,5'-tetrachloro-4,4'- biphenyldiol shows the highest specific activity among the xenobiotic compounds.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q80VR3}.

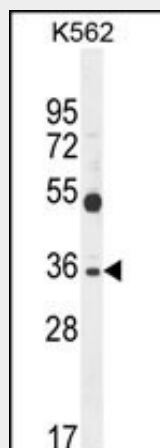
**Tissue Location**

[Isoform 1]: Not detectable in any of the tissues tested.

**SULT1C3 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SULT1C3 Antibody (C-term) - Images**

SULT1C3 Antibody (C-term) (Cat. #AP11072b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SULT1C3 antibody detected the SULT1C3 protein (arrow).

**SULT1C3 Antibody (C-term) - Background**

Has low sulphotransferase activity towards various substrates with alcohol groups (in vitro). May catalyze the sulfate conjugation of xenobiotic compounds and endogenous substrates.

**SULT1C3 Antibody (C-term) - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :  
Meinl, W., et al. Food Chem. Toxicol. 46(4):1249-1256(2008)  
Allali-Hassani, A., et al. PLoS Biol. 5 (5), E97 (2007) :

Hillier, L.W., et al. Nature 434(7034):724-731(2005)

Freimuth, R.R., et al. Pharmacogenomics J. 4(1):54-65(2004)