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Sult1c2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12988

Specification

Sult1c2 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9WUW8
Other Accession	NM_133547, NP_598231
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Rat, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**32kDa KDa**

Sult1c2 antibody - middle region - Additional Information

Gene ID 171072

Alias Symbol	**MGC112625, MGC124969, ST1C2**

Other Names
Sulfotransferase 1C2, ST1C2, rSULT1C2, 2.8.2.-, Sulfotransferase K1, Sult1c2, Sultk1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Sult1c2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Sult1c2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Sult1c2 antibody - middle region - Protein Information

Name Sult1c2

Synonyms Sultk1

Function
Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of phenolic compounds. Does not sulfonate steroids, dopamine, acetaminophen, or alpha-naphthol. Catalyzes the sulfonation of the carcinogenic N-Hydroxy-2-acetylaminofluorene leading to highly reactive intermediates capable of forming DNA adducts, potentially resulting in mutagenesis (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:O46503}. Lysosome

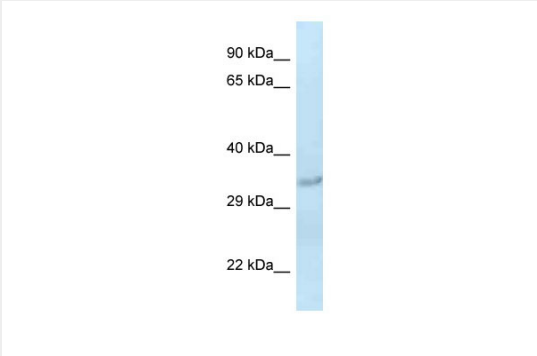
Tissue Location
Highly expressed in kidney and at lower levels in stomach and liver. More specifically found in the epithelia of proximal tubules of the kidney, of the bile duct, of the gastric mucosa, and in hepatocytes.

Sult1c2 antibody - middle region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Sult1c2 antibody - middle region - Images



WB Suggested Anti-Sult1c2 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Liver

Sult1c2 antibody - middle region - References

Xiangrong L.,et al.Biochem. Biophys. Res. Commun. 272:242-250(2000).
Sugimura K.,et al.Kidney Int. 62:757-762(2002).