

SLC26A1 / SAT-1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3992a**Specification**

SLC26A1 / SAT-1 Antibody (C-Term) - Product Information

Application	IHC
Primary Accession	O9H2B4
Other Accession	NP_071325.2 , NP_602297.1 , 10861
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	75016

SLC26A1 / SAT-1 Antibody (C-Term) - Additional Information**Gene ID** 10861**Other Names**

Sulfate anion transporter 1, SAT-1, Solute carrier family 26 member 1, SLC26A1, SAT1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SLC26A1 / SAT-1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC26A1 / SAT-1 Antibody (C-Term) - Protein Information**Name** SLC26A1**Synonyms** SAT1**Function**

Sodium-independent sulfate anion transporter (PubMed:12713736, PubMed:27125215). Can transport other anions including bicarbonate, thiosulfate and oxalate by mediating sulfate-thiosulfate, sulfate-hydrogencarbonate and sulfate-oxalate anion exchange (PubMed:12713736, PubMed:27125215).

href="http://www.uniprot.org/citations/27125215" target="_blank">27125215). Mediates oxalate- hydrogencarbonate anion exchange (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P58735}; Multi-pass membrane protein. Basolateral cell membrane {ECO:0000250|UniProtKB:P45380}; Multi-pass membrane protein

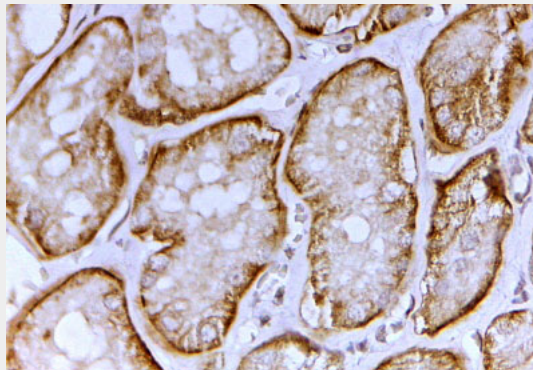
Tissue Location

Expressed most abundantly in the kidney and liver, with lower levels in the pancreas, testis, brain, small intestine, colon, and lung.

SLC26A1 / SAT-1 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](#)

SLC26A1 / SAT-1 Antibody (C-Term) - Images

AF3992a (2 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

SLC26A1 / SAT-1 Antibody (C-Term) - Background

This antibody is expected to recognize reported isoform a (NP_071325.2) only. Reported variants represent identical protein: NP_998778.1, NP_071325.2

SLC26A1 / SAT-1 Antibody (C-Term) - References

Glyoxylate is a substrate of the sulfate-oxalate exchanger, sat-1, and increases its expression in HepG2 cells. Schnedler N, Burckhardt G, Burckhardt BC. Journal of hepatology 2011 Mar 54 (3): 513-20. PMID: 21093948