

SLC25A38 Antibody (Internal region)
Peptide-affinity purified goat antibody
Catalog # AF3792a**Specification**

SLC25A38 Antibody (Internal region) - Product Information

Application	E
Primary Accession	O96DW6
Other Accession	NP_060345.2 , 54977 , 208638 (mouse) , 301067 (rat)
Predicted Host	Human, Mouse, Rat, Dog, Sheep, Cow
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	33566

SLC25A38 Antibody (Internal region) - Additional Information**Gene ID** 54977**Other Names**

Solute carrier family 25 member 38 {ECO:0000255|HAMAP-Rule:MF_03064}, SLC25A38 {ECO:0000255|HAMAP-Rule:MF_03064}

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

SLC25A38 Antibody (Internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC25A38 Antibody (Internal region) - Protein Information**Name** SLC25A38 ([HGNC:26054](#))**Function**

Mitochondrial glycine transporter that imports glycine into the mitochondrial matrix. Plays an important role in providing glycine for the first enzymatic step in heme biosynthesis, the condensation of glycine with succinyl-CoA to produce 5-aminolevulinate (ALA) in the mitochondrial matrix. Required during erythropoiesis.

Cellular Location

Mitochondrion inner membrane {ECO:0000255|HAMAP- Rule:MF_03064}; Multi-pass membrane protein {ECO:0000255|HAMAP- Rule:MF_03064}

Tissue Location

Preferentially expressed in erythroid cells.

SLC25A38 Antibody (Internal 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 Cytometry](#)
- [Cell Culture](#)

SLC25A38 Antibody (Internal region) - Images**SLC25A38 Antibody (Internal region) - References**

Fourteen novel human members of mitochondrial solute carrier family 25 (SLC25) widely expressed in the central nervous system. Haitina T, Lindblom J, Renström T, Fredriksson R. Genomics 2006 Dec 88 (6): 779-90. PMID: 16949250