

SLC25A38 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12360**Specification**

SLC25A38 antibody - middle region - Product Information

Application	IHC, WB
Primary Accession	Q96DW6
Other Accession	NM_017875 , NP_060345
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa kDa

SLC25A38 antibody - middle region - Additional Information**Gene ID** 54977**Alias Symbol** **FLJ20551, FLJ22703****Other Names**

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

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-SLC25A38 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

SLC25A38 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC25A38 antibody - middle 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

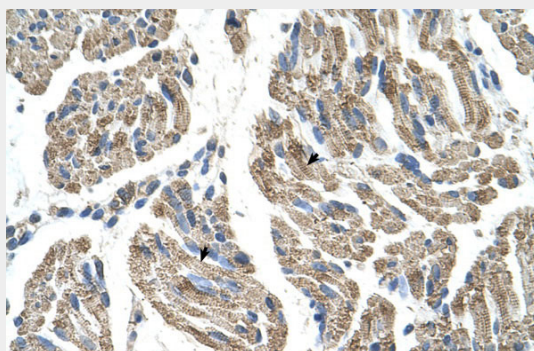
Preferentially expressed in erythroid cells.

SLC25A38 antibody - middle region - Protocols

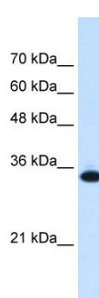
Provided below are standard protocols that you may find useful for product applications.

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

SLC25A38 antibody - middle region - Images



Human Muscle



WB Suggested Anti-SLC25A38 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

SLC25A38 antibody - middle region - References

Strausberg, R.L., (2002) Proc. Natl. Acad. Sci. U.S.A. 99(26), 16899-16903
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.