

SLC25A38 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12360

Product Information

Application	WB, IHC
Primary Accession	Q96DW6
Other Accession	NM_017875 , NP_060345
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33566

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.

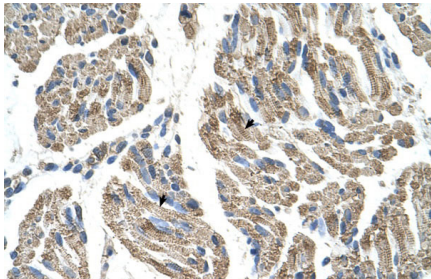
Protein Information

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.

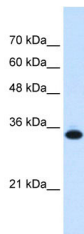
References

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.

Images



Human Muscle



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.