

SLC25A22 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12367**Specification**

SLC25A22 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9H936
Other Accession	NM_024698 , NP_078974
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Bovine, Guinea Pig
Predicted Host	Human, Mouse, Rat, Chicken
Clonality	Rabbit
Calculated MW	Polyclonal 34kDa KDa

SLC25A22 antibody - N-terminal region - Additional Information**Gene ID** 79751**Alias Symbol** **FLJ13044, GC1, EIEE3, NET44****Other Names**

Mitochondrial glutamate carrier 1, GC-1, Glutamate/H(+) symporter 1, Solute carrier family 25 member 22, SLC25A22, GC1

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-SLC25A22 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

SLC25A22 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC25A22 antibody - N-terminal region - Protein Information**Name** SLC25A22 ([HGNC:19954](#))**Synonyms** GC1**Function**

Mitochondrial glutamate/H(+) symporter. Responsible for the transport of glutamate from the cytosol into the mitochondrial matrix with the concomitant import of a proton (PubMed:11897791). Plays a role in the control of glucose-stimulated insulin secretion (By similarity).

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:A0A0G2K5L2}; Multi-pass membrane protein

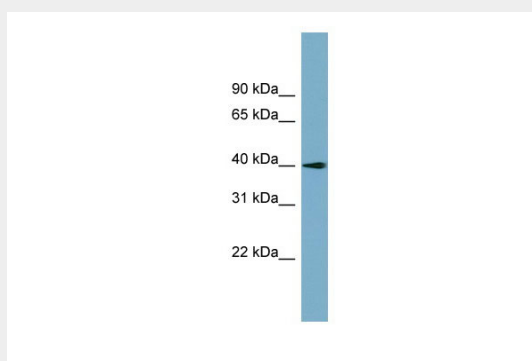
Tissue Location

Expressed at high levels in brain, liver, and pancreas.

SLC25A22 antibody - N-terminal 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](#)

SLC25A22 antibody - N-terminal region - Images

WB Suggested Anti-SLC25A22 Antibody Titration: 0.2-1 μ g/ml
Positive Control: Human kidney