

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

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**SLC25A22 antibody - N-terminal region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">O9H936</a>                                |
| Other Accession   | <a href="#">NM_024698</a> , <a href="#">NP_078974</a> |
| Reactivity        | Human, Mouse, Rat, Zebrafish, Pig, Bovine, Guinea Pig |
| Predicted Host    | Human, Mouse, Rat, Chicken                            |
| Clonality         | Rabbit                                                |
| Calculated MW     | Polyclonal<br>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:&lt;a href="http://www.uniprot.org/citations/11897791" target="\_blank"&gt;11897791&lt;/a&gt;). 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

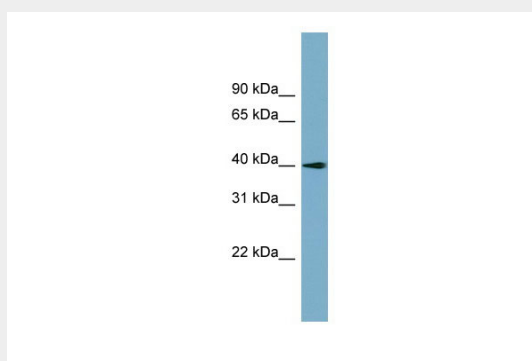
**Tissue Location**

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 µg/ml  
Positive Control: Human kidney