

Anti-SLC25A11 Antibody (Internal)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17423**Specification**

Anti-SLC25A11 Antibody (Internal) - Product Information

Application	WB, IHC-P
Primary Accession	Q02978
Predicted	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34062
Dilution	WB~~1:1000 IHC-P~~N/A

Anti-SLC25A11 Antibody (Internal) - Additional Information**Gene ID** 8402**Alias Symbol** **SLC25A11****Other Names**

SLC25A11, OGC, SLC20A4, OGCP, Oxoglutarate carrier, Oxoglutarate translocator, Oxoglutarate/malate carrier

Target/Specificity

Recognizes endogenous levels of SLC25A11 protein.

Reconstitution & Storage

PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

Anti-SLC25A11 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SLC25A11 Antibody (Internal) - Protein Information**Name** SLC25A11**Synonyms** SLC20A4**Function**

Catalyzes the transport of 2-oxoglutarate (alpha- oxoglutarate) across the inner mitochondrial membrane in an electroneutral exchange for malate. Can also exchange 2-oxoglutarate for other dicarboxylic acids such as malonate, succinate, maleate and oxaloacetate, although with lower affinity. Contributes to several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism (By similarity). Maintains mitochondrial fusion and fission events, and the organization and

morphology of cristae (PubMed:21448454). Involved in the regulation of apoptosis (By similarity). Helps protect from cytotoxic-induced apoptosis by modulating glutathione levels in mitochondria (By similarity).

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P97700}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P97700}

Tissue Location

Most highly expressed in the heart.

Anti-SLC25A11 Antibody (Internal) - 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](#)

Anti-SLC25A11 Antibody (Internal) - Images