

SLC25A12 Rabbit mAb

Catalog No.: A21129 **Recombinant**

Basic Information

Observed MW

70kDa

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3041

Background

This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localizes to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in this gene may be associated with autism, and mutations in this gene may also be a cause of global cerebral hypomyelination. Alternatively spliced transcript variants have been observed for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for
400µg-600µg extracts of
whole cells

Immunogen Information

Gene ID

8604

Swiss Prot

O75746

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 600-678 of human SLC25A12 (NP_003696.2).

Synonyms

AGC1; DEE39; ARALAR; EIEE39; SLC25A12

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

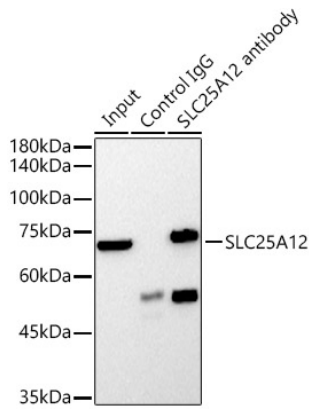
Affinity purification

Storage

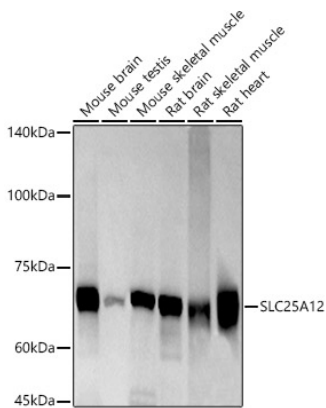
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

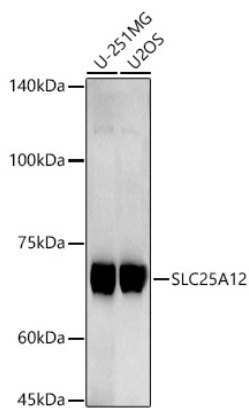
Validation Data



Immunoprecipitation analysis of 600 μ g extracts of Mouse brain using 3 μ g SLC25A12 antibody (A21129). Western blot was performed from the immunoprecipitate using SLC25A12 antibody (A21129) at a dilution of 1:1000.



Western blot analysis of various lysates using SLC25A12 Rabbit mAb (A21129) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Western blot analysis of various lysates using SLC25A12 Rabbit mAb (A21129) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.