

Datasheet for ABIN7270436
anti-SLC25A22 antibody (AA 128-188)



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4 Images

Overview

Quantity:	100 µL
Target:	SLC25A22
Binding Specificity:	AA 128-188
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	[KO Validated] SLC25A22 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 128-188 of human SLC25A22 (NP_078974.1).
Sequence:	KIQLQDAGRI AAQRKILAAQ GQLSAQGGAQ PSVEAPAAPR PTATQLTRDL LRSRGIAGLY K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification
Grade:	KO Validated

Target Details

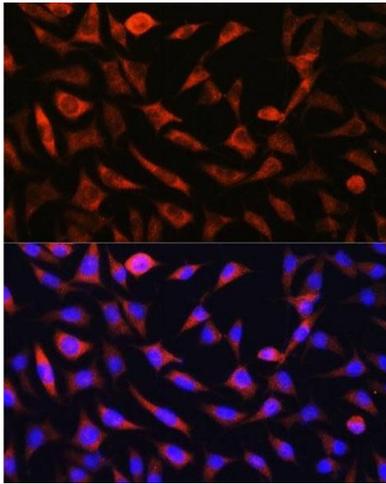
Target:	SLC25A22
Alternative Name:	SLC25A22 (SLC25A22 Products)
Background:	This gene encodes a mitochondrial glutamate carrier. Mutations in this gene are associated with early infantile epileptic encephalopathy. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Jul 2010],EIEE3,GC-1,GC1,NET44,SLC25A22,SLC25A22
Gene ID:	79751
UniProt:	Q9H936
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

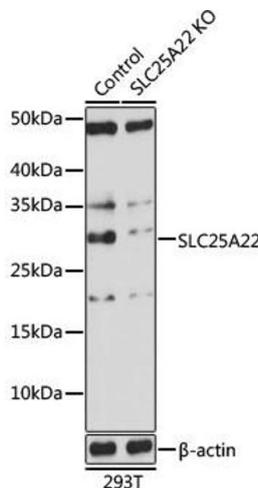
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



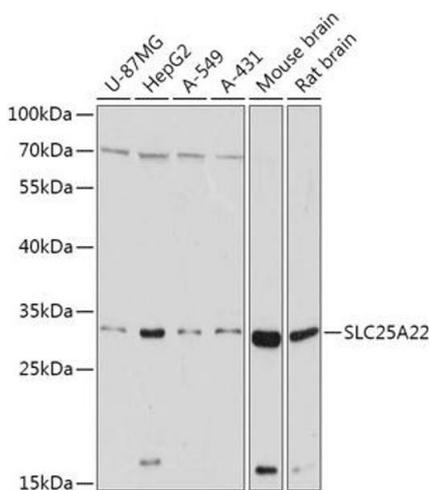
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using SLC25 antibody (ABIN7270436) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts from normal (control) and SLC25 knockout (KO) 293T cells, using SLC25 antibody (ABIN7270436) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using SLC25 antibody (ABIN7270436) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7270436.