

#### OriGene Technologies, Inc.

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# **Product datasheet for TA381603**

## SLC25A22 Rabbit Polyclonal Antibody

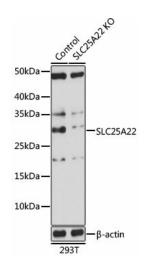
## **Product data:**

Product Type:Primary AntibodiesApplications:ICC/IF, WBRecommended Dilution:WB, 1:500 - 1:2000 IF, 1:50 - 1:200Reactivity:Human, Mouse, RatModifications:UnmodifiedModifications:UnmodifiedHost:RabbitIsotype:IgGClonality:PolyclonalRecombinant fusion protein containing a sequence corresponding to amino acids 128-188 of human SLC25A22 (NP_078974.1).Formulation:Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.Concentration:Iot specificPurification:Iot specificStorage:Stora et -20°C. Avoid freeze / thaw cycles.Stability:Solute carrier family 25 member 22Patabase Link:Entrez Gene 79751 Human OXIP336Background:This gene encodes a mitochondrial glutamate carrier. Mutations in this gene are associated with early infantile epileptic encephalopathy. Multiple alternatively spliced variants, encoding te same protein, have been identified.[provided by RefSeq. Jul 2010]		
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<b>Synonyms:</b> FLJ13044; GC-1; GC1; NET44	Background:	with early infantile epileptic encephalopathy. Multiple alternatively spliced variants, encoding
	Synonyms:	FLJ13044; GC-1; GC1; NET44

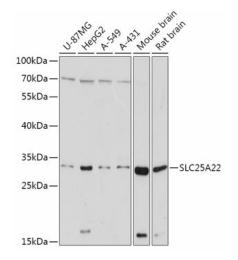


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#### **Product images:**



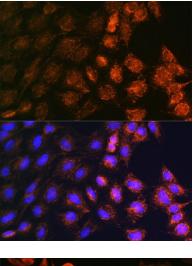
Western blot analysis of extracts from normal (control) and SLC25A22 knockout (KO) 293T cells, using SLC25A22 antibody (TA381603) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.

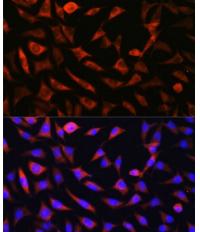


Western blot analysis of extracts of various cell lines, using SLC25A22 antibody (TA381603) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.

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Immunofluorescence analysis of C6 cells using SLC25A22 antibody (TA381603) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of L929 cells using SLC25A22 antibody (TA381603) at dilution of 1:100. Blue: DAPI for nuclear staining.

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