

For Research Use Only

SLC25A22 Recombinant antibody

Catalog Number: 86163-1-RR



Basic Information

Catalog Number:

86163-1-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19958

GenBank Accession Number:

BC023545

GeneID (NCBI):

79751

UNIPROT ID:

Q9H936

Full Name:

solute carrier family 25
(mitochondrial carrier: glutamate),
member 22

Calculated MW:

323 aa, 34 kDa

Observed MW:

30-34 kDa

Purification Method:

Protein A purification

CloneNo.:

250788B11

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, HT-29 cells

Background Information

SLC25A22 encodes a mitochondrial glutamate/H⁺ symporter with highly expression in brain, especially in astrocytes, where it controls glutamate uptake. The mutations of SLC25A22 are associated with the early/infantile epileptic encephalopathies. It has been shown that SLC25A22 plays a key role in promoting proliferation and migration in cancer, such as human colorectal cancer (CRC) and Gallbladder cancer (GBC). And there is a result that the expression of SLC25A22 in GBC was significantly higher than that in adjacent tissues. 25402-1-AP antibody is specific to SLC25A22. (PMID: 30814911, 25033742, 24596948)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

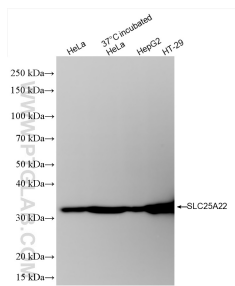
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86163-1-RR (SLC25A22 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.