

For Research Use Only

SLC25A22 Recombinant antibody, PBS Only

Catalog Number: 86163-1-PBS



Basic Information

Catalog Number: 86163-1-PBS	GenBank Accession Number: BC023545	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79751	CloneNo.: 250788B11
Source: Rabbit	UNIPROT ID: Q9H936	
Isotype: IgG	Full Name: solute carrier family 25 (mitochondrial carrier: glutamate), member 22	
Immunogen Catalog Number: AG19958	Calculated MW: 323 aa, 34 kDa	
	Observed MW: 30-34 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

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)

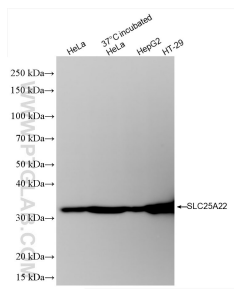
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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. This data was developed using the same antibody clone with 86163-1-PBS in a different storage buffer formulation.