



Anti-SLC25A11 (full length) polyclonal antibody (DPAB-DC3454)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The oxoglutarate/malate carrier transports 2-oxoglutarate across the inner membranes of mitochondria in an electroneutral exchange for malate or other dicarboxylic acids (summary by Iacobazzi et al., 1992 [PubMed 1457818]).[supplied by OMIM, Jan 2011]
Immunogen	SLC25A11 (AAH16294, 1 a.a. ~ 314 a.a) full-length recombinant protein with GST tag. The sequence is MAATASAGAGGIDGKPRTPSPKSVKFLFGGLAGMGATVFVQPLDLVKNRMQLSGEGAKTRE YKTSFHALTSILKAEGLRGIYTGLSAGLLRQATYTTTTRLGIYTVLFRERLTGADGTPPGFL LKAVIGMTAGATGAFVGTAEVALIRMTADGRLPADQRRGYKNVFNALIRITREEGVLT WRGCIPTMARAVVVNAAQLASYSQSKQFLDSDGYFSDNILCHFCASMISGLVTTAASMPV DIAKTRIQNMRMIDGKPEYKNGLDVLFKVVRYEGFFSLWKGFPTPYARLGPHTVLTIFL EQMNKAYKRLFLSG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC25A11 solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 [Homo sapiens (human)]
Official Symbol	SLC25A11
Synonyms	SLC25A11; solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11; OGC; SLC20A4; mitochondrial 2-oxoglutarate/malate carrier protein; OGCP; solute carrier family 25 member 11; solute carrier family 20 (oxoglutarate carrier), member 4;
Entrez Gene ID	8402
Protein Refseq	NP_001158889
UniProt ID	Q6IBH0
Chromosome Location	17p13.3
Pathway	Disease; Glucose metabolism; Metabolism; Myoclonic epilepsy of Lafora
Function	oxoglutarate:malate antiporter activity; poly(A) RNA binding;