

AP46027PU-N**Polyclonal Antibody to SLC25A25 / SCAMC2 (N-term) - Aff - Purified**

Alternate names:	APC3, Calcium-binding mitochondrial carrier protein SCaMC-2, KIAA1896, MCSC3, Mitochondrial ATP-Mg/Pi carrier protein 3, Mitochondrial Ca(2+)-dependent solute carrier protein 3, SCAMC-2, Small calcium-binding mitochondrial carrier protein 2, Solute carrier family 25 member 25
Quantity:	50 µg
Background:	Calcium-dependent mitochondrial solute carrier. Mitochondrial solute carriers shuttle metabolites, nucleotides, and cofactors through the mitochondrial inner membrane. May act as a ATP-Mg/Pi exchanger that mediates the transport of Mg-ATP in exchange for phosphate, catalyzing the net uptake or efflux of adenine nucleotides into or from the mitochondria.
Uniprot ID:	Q6KCM7
NCBI:	NM_052901
GeneID:	114789
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the N terminal of human SLC25A25 AA Sequence: KLSVFIPSQEFSTYRQWKQKIVQAGDKDLGQLDFEEFVHYLQDHEKKLR
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Immunoaffinity column
Applications:	Western blotting (0.2 - 1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	SLC25A25: 53 kDa
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	"Identification of a novel human subfamily of mitochondrial carriers with calcium-binding domains." del Arco A., Satrustegui J. J. Biol. Chem. 279:24701-24713(2004) [PubMed: 15054102] [Abstract]

Pictures:

WB Suggested Anti-SLC25A25 Antibody
Titration: 0.2-1 ug/ml; ELISA Titer:
1:62500; Positive Control: HepG2 cell
lysate

