

SCMC1 rabbit pAb

Catalog No :	YT6684
Reactivity :	Human;Mouse
Applications :	WB;ELISA;IHC
Target :	SCMC1
Gene Name :	SLC25A24 APC1 MCSC1 SCAMC1
Protein Name :	SCMC1
Human Gene Id :	29957
Human Swiss Prot No :	Q6NUK1
Mouse Gene Id :	229731
Mouse Swiss Prot No :	Q8BMD8
Immunogen :	Synthesized peptide derived from human SCMC1 AA range: 162-212
Specificity :	This antibody detects endogenous levels of SCMC1 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 52kD

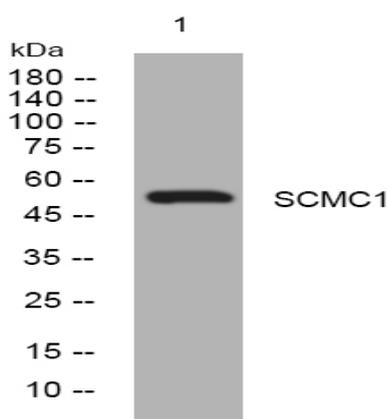
Background : This gene encodes a carrier protein that transports ATP-Mg exchanging it for phosphate. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012],

Function : function: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.,similarity:Belongs to the mitochondrial carrier family.,similarity:Contains 3 Solcar repeats.,similarity:Contains 4 EF-hand domains.,tissue specificity:Present in various cell lines (at protein level). Expressed in all tissues tested. Highly expressed in testis, expressed at intermediate level in small intestine and pancreas, and weakly expressed in kidney, spleen, liver, skeletal muscle and heart.,

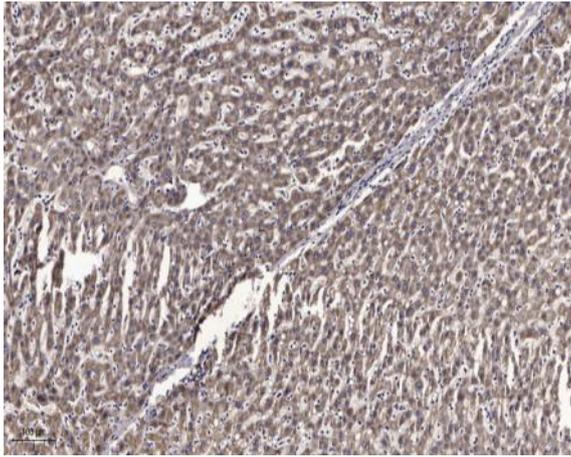
Subcellular Location : Mitochondrion inner membrane ; Multi-pass membrane protein .

Expression : Present in various cell lines (at protein level). Expressed in all tissues tested. Highly expressed in testis, expressed at intermediate level in small intestine and pancreas, and weakly expressed in kidney, spleen, liver, skeletal muscle and heart.

Products Images



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).