

SLC25A26 Rabbit pAb

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Catalog # AP57672

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q70HW3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29354
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC25A26
Epitope Specificity	101-200/274
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion inner membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Mitochondrial carriers, including SLC25A26, are a family of transport proteins found mostly in the inner membranes of mitochondria. They shuttle metabolites and cofactors through the mitochondrial membrane (Agrimi et al., 2004 [PubMed 14674884]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	115286
Other Names	Mitochondrial S-adenosylmethionine carrier protein, SAM carrier, Solute carrier family 25 member 26 {ECO:0000312 HGNC:HGNC:20661}, SLC25A26 (HGNC:20661)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

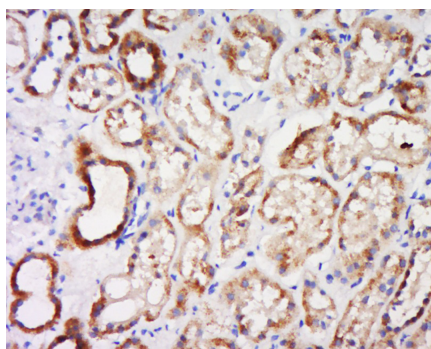
Name	SLC25A26 (HGNC:20661)
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Function	Mitochondrial S-adenosyl-L-methionine/S-adenosyl-L- homocysteine antiporter. Mediates the exchange of cytosolic S-adenosyl- L-methionine, the predominant methyl-group donor for macromolecule methylation processes, for mitochondrial S-adenosylhomocysteine(SAH), a by-product of methylation reactions.
Cellular Location	Mitochondrion inner membrane; Multi-pass membrane protein
Tissue Location	Widely expressed. Highly expressed in testis, with moderate expression in brain, heart, kidney, lung, skeletal muscle, pancreas, small intestine and liver, and low expression in spleen

Background

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Images



Tissue/cell: human kidney tissue; 4%
 Paraformaldehyde-fixed and paraffin-embedded;
 Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling
 bathing for 15min; Block endogenous peroxidase by 3%
 Hydrogen peroxide for 30min; Blocking buffer (normal
 goat serum,C-0005) at 37°C for 20 min;
 Incubation: Anti-SLC25A26 Polyclonal Antibody,
 Unconjugated(AP57672) 1:500, overnight at 4°C, followed
 by conjugation to the secondary antibody(SP-0023) and
 DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.