

Slc25a15 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12354

Product Information

Application	WB
Primary Accession	Q9WVD5
Other Accession	NM_181325 , NP_851842
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Pig, Chicken, Dog, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32823

Additional Information

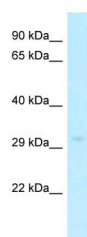
Gene ID	18408
Alias Symbol	D630044L02Rik, Ornt1
Other Names	Mitochondrial ornithine transporter 1, Solute carrier family 25 member 15, Slc25a15, Ornt1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Slc25a15 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Slc25a15 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Slc25a15 {ECO:0000312 MGI:MGI:1342274}
Function	Mitochondrial ornithine-citrulline antiporter. Catalyzes the exchange between cytosolic ornithine and mitochondrial citrulline plus an H(+), the proton compensates the positive charge of ornithine thus leading to an electroneutral transport. Plays a crucial role in the urea cycle, by connecting the cytosolic and the intramitochondrial reactions of the urea cycle. Lysine and arginine are also transported by the antiport mechanism (By similarity). In addition, catalyzes an electroneutral exchange of ornithine or lysine for H(+), a reaction driven by the pH gradient across the inner membrane (By similarity).

Cellular Location	Mitochondrion inner membrane {ECO:0000250 UniProtKB:Q12375}; Multi-pass membrane protein. Mitochondrion membrane {ECO:0000250 UniProtKB:A0A0G2K309}; Multi-pass membrane protein
Tissue Location	Widely expressed, with highest levels in the liver, testis and kidney. In the brain, expressed at high levels in the hypothalamus.

Images



WB Suggested Anti-Slc25a15 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Pancreas

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