

SLC25A25 polyclonal antibody

Catalog: BS32278

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Mitochondrial adenyl nucleotide antiporter SLC25A25: Electroneutral antiporter that most probably mediates the transport of adenyl nucleotides through the inner mitochondrial membrane (By similarity). Has calcium-dependent ATP-magnesium/inorganic phosphate antiporter activity. Could also have a broader specificity for adenyl nucleotides (By similarity). By regulating the mitochondrial matrix adenyl nucleotide pool, could adapt to changing cellular energetic demands and indirectly regulate adenyl nucleotide-dependent metabolic pathways (By similarity). Acts downstream of Ca(2+)-permeable cation channel PKD2/TRPP2 and it is likely that PKD2-mediated Ca(2+) signaling activates SLC25A25 antiporter activity (By similarity). Required for left-right pattern specification (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~52.7 kDa

Swiss-Prot:

Q6KCM7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

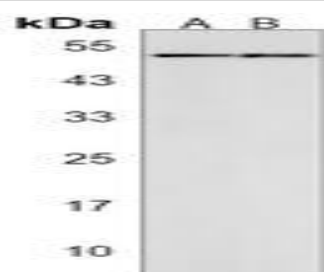
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

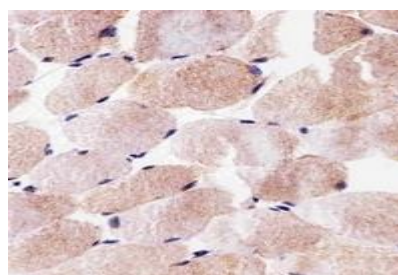
Specificity:

Recognizes endogenous levels of SLC25A25 protein.

DATA:



Western blot analysis of CUG-BP2 expression in HeLa (A) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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