

## SLC25A4

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**33kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SLC25A4

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

hi

**Synonym:**

T1; ANT; AAC1; ANT1; PEO2; PEO3; ANT 1;

**Catalog #:**A1882

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**291

**Isotype:**IgG

**Swiss Prot:**P12235

**Purity:**Affinity purification

For research use only.

**Background:**

This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Mutations in this gene have been shown to result in autosomal dominant progressive external ophthalmoplegia and familial hypertrophic cardiomyopathy.

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