

Rabbit SLC25A4 Polyclonal Antibody | anti-SLC25A4 antibody

SLC25A4 Antibody

CATALOG # AAA301188	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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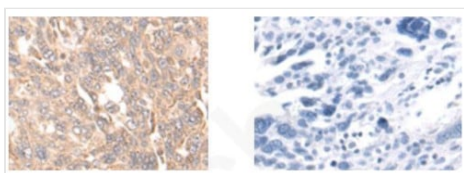
PRODUCT SYNONYMS

SLC25A4; Polyclonal Antibody; SLC25A4 Antibody; T1; ANT; AAC1; ANT1; PEO2; anti-SLC25A4 antibody

PRODUCT SPECIFICATIONS

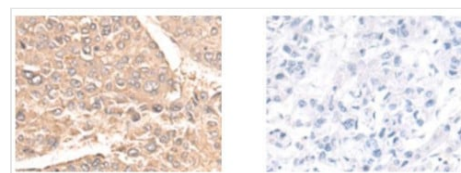
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SLC25A4 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	298
Applicable Applications for anti-SLC25A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SLC25A4.
Target Name	SLC25A4
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles

IMAGES



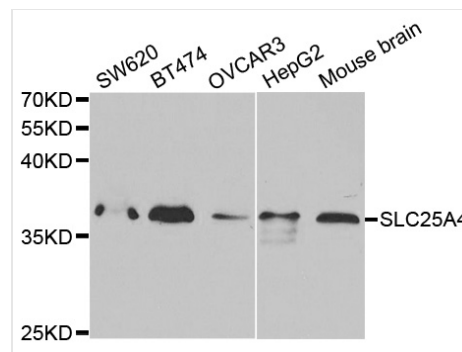
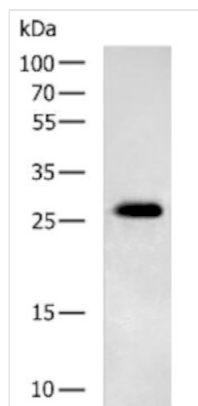
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using (SLC25A4 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using (SLC25A4 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200)



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SLC25A4 antibody.

WB (Western Blot)
Gel: 12% SDS-PAGE Lysate: 40 ug Lane: Mouse heart tissue lysate Primary antibody:
(SLC25A4 Antibody) at dilution 1/800 Secondary antibody: (HRP-conjugated Goat anti rabbit
IgG) at 1/5000 dilution Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A4 antibody	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.
Product Categories/Family for anti-SLC25A4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749577
NCBI GeneID	291
NCBI Accession #	NP_001142.2
NCBI GenBank Nucleotide #	NM_001151.3
UniProt Accession #	P12235; D3DP59
Molecular Weight	SDS-PAGE MW: 33KDa
NCBI Official Full Name	ADP/ATP translocase 1
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
NCBI Official Symbol	SLC25A4
NCBI Official Synonym Symbols	T1; ANT; AAC1; ANT1; PEO2; PEO3; ANT 1; MTDPS12
NCBI Protein Information	ADP/ATP translocase 1
UniProt Protein Name	ADP/ATP translocase 1
UniProt Gene Name	SLC25A4
UniProt Synonym Gene Names	ANT1; ANT 1
UniProt Entry Name	ADT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.