SLC25A6 Polyclonal antibody, PBS Only

Catalog Number:**51031-1-PBS**

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Basic Information

Catalog Number:
51031-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC031912

GeneID (NCBI):
293

UNIPROT ID:
P12236

Full Name:
solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6

Calculated MW:
33 kDa

Observed MW:
30-33 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

SLC25A6, also known as ANT3 (adenine nucleotide translocase 3), is a member of the solute carrier family 25, specifically the mitochondrial carrier subfamily. As part of the mitochondrial carrier family, SLC25A6 plays a role in the mitochondrial energy production process by facilitating the exchange of metabolites necessary for oxidative phosphorylation (PMID: 23506884).
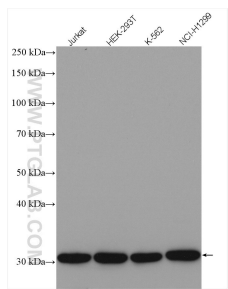
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 51031-1-AP (SLC25A6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 51031-1-PBS in a different storage buffer formulation.
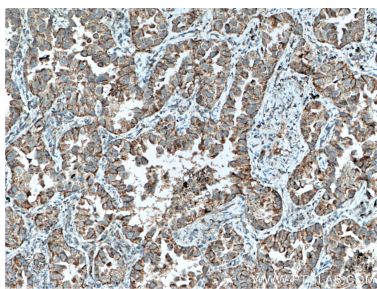
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 51031-1-AP (SLC25A6 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 51031-1-PBS in a different storage buffer formulation.
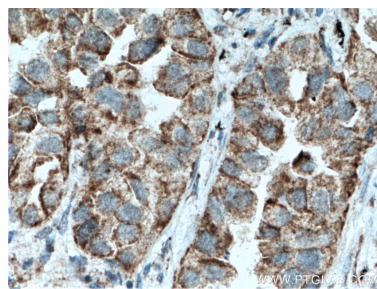
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 51031-1-AP (SLC25A6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 51031-1-PBS in a different storage buffer formulation.