

For Research Use Only

# SLC25A12 Monoclonal antibody

Catalog Number: 67467-1-Ig



## Basic Information

<b>Catalog Number:</b> 67467-1-Ig	<b>GenBank Accession Number:</b> BC016932	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8604	<b>CloneNo.:</b> 1F2B10
<b>Source:</b> Mouse	<b>Full Name:</b> solute carrier family 25 (mitochondrial carrier, Aralar), member 12	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:150-1:600
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 75 kDa, 63 kDa	
<b>Immunogen Catalog Number:</b> AG13576	<b>Observed MW:</b> 70-75 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human, Mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

### Positive Controls:

WB : LNCaP cells, A431 cells, Jurkat cells

IHC : mouse brain tissue, human breast cancer tissue,  
mouse kidney tissue

## Background Information

### Storage

#### Storage:

Store at -20°C.

#### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

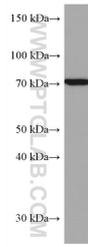
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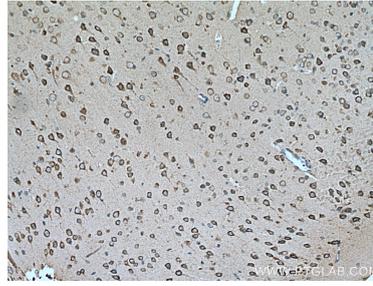
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## Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 67467-1-Ig (SLC25A12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67467-1-Ig (SLC25A12 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).