

For Research Use Only

# SLC25A12 Monoclonal antibody

Catalog Number: 67467-1-Ig **1 Publications**



## Basic Information

Catalog Number: 67467-1-Ig	GenBank Accession Number: BC016932	Purification Method: Protein G purification
Size: 1400 µg/ml	GeneID (NCBI): 8604	CloneNo.: 1F2B10
Source: Mouse	UNIPROT ID: O75746	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:150-1:600
Isotype: IgG1	Full Name: solute carrier family 25 (mitochondrial carrier, Aralar), member 12	
Immunogen Catalog Number: AG13576	Calculated MW: 75 kDa, 63 kDa	
	Observed MW: 70-75 kDa	

## Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : LNCaP cells, A431 cells, Jurkat cells
Cited Applications: IF	IHC : mouse brain tissue, human breast cancer tissue, mouse kidney tissue
Species Specificity: Human, Mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jinghua Fang	39462005	Nat Commun	IF

## 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

For technical support and original validation data for this product please contact:

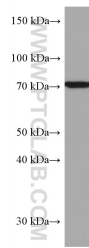
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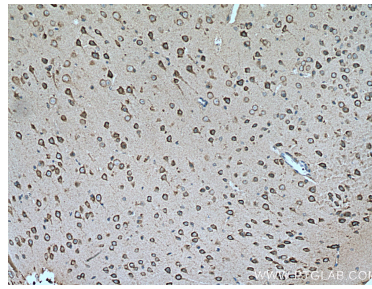
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## Selected Validation Data



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).