

For Research Use Only

# SLC19A1 Polyclonal antibody

Catalog Number: 25958-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 25958-1-AP	<b>GenBank Accession Number:</b> BC003068	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6573	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> solute carrier family 19 (folate transporter), member 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 591 aa, 65 kDa	
<b>Immunogen Catalog Number:</b> AG22921	<b>Observed MW:</b> 46 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, LNCaP cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human placenta tissue, mouse cerebellum tissue
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<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

SLC19A1, also named as RFC (reduced folate carrier), is an anionic exchanger that involved in the regulation of intracellular concentrations of folate in exchange for anions. The predicted MW of SLC19A1 is 65 kDa and 25958-1-AP antibody recognizes the 46 kDa protein which is similar to papers. The 38-40 kDa minor forms and 58 kDa form have also been reported that could be alternate splicing, post-transcriptional modification or the role of accessory proteins. (PMID: 17404734, 9111015)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yingjie Hou	34478637	Cell Chem Biol	WB

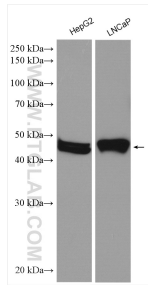
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

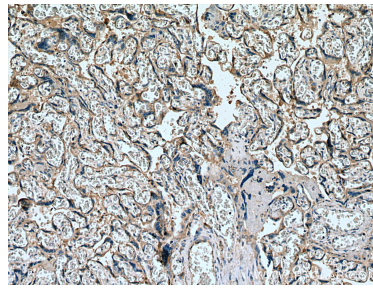
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25958-1-AP (SLC19A1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 25958-1-AP (SLC19A1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).