

For Research Use Only

SLC7A4 Polyclonal antibody

Catalog Number: 15748-1-AP **1 Publications**



Basic Information

Catalog Number: 15748-1-AP	GenBank Accession Number: BC008814	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6545	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	
Isotype: IgG	Calculated MW: 635 aa, 68 kDa	
Immunogen Catalog Number: AG8211	Observed MW: 68 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC	WB: mouse brain tissue, human liver tissue
Species Specificity: human, mouse	IHC: mouse brain tissue,
Cited Species: human	IF: HeLa cells,

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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Ronghua Yang	34458265	Front Cell Dev Biol	IHC

Storage

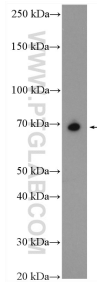
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

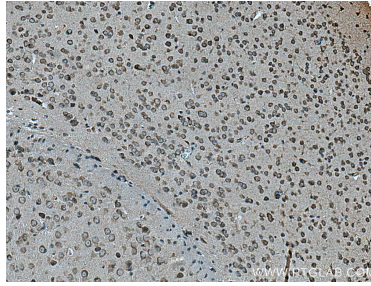
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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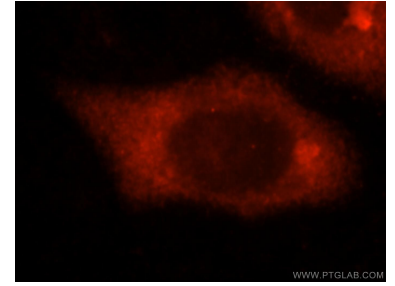
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 15748-1-AP (SLC7A4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15748-1-AP (SLC7A4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using SLC7A4 antibody 15748-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).