

For Research Use Only

SLC26A11 Polyclonal antibody

Catalog Number: 14156-1-AP



Basic Information

Catalog Number: 14156-1-AP	GenBank Accession Number: BC035900	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 ug/ml by Nanodrop;	GeneID (NCBI): 284129	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q86WA9	
Isotype: IgG	Full Name: solute carrier family 26, member 11	
Immunogen Catalog Number: AG5338	Calculated MW: 606 aa, 65 kDa	
	Observed MW: 65-72 kDa	

Applications

Tested Applications:
WB, IHC, 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 : mouse brain tissue, unboiled mouse brain tissue, mouse kidney tissue, unboiled mouse kidney tissue

IHC : mouse cerebellum tissue,

Background Information

SLC26A11 is a sodium-independent sulfate transporter from high endothelial venules (PMID: 12626430). SLC26A11 exhibits sodium-independent sulfate anion transporter activity that may cooperate with SLC26A2 to mediate DIDS-sensitive sulfate uptake into high endothelial venules endothelial cells (HEVEC) (PMID: 12626430). SLC26A11 is critical for inhibitory transmission and contributes to locomotor coordination in Purkinje cells (PMID: 27390771). SLC26A11, a chloride transporter, localizes with the vacuolar H⁺-ATPase of A-intercalated cells of the kidney and can be detected at 72kDa (PMID: 21716257).

Storage

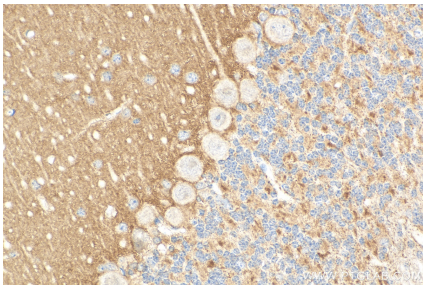
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

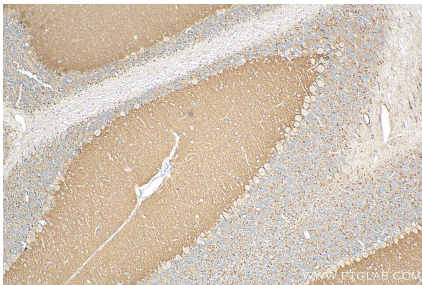
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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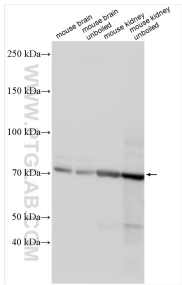
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 14156-1-AP (SLC26A11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 14156-1-AP (SLC26A11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 14156-1-AP (SLC26A11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.