

For Research Use Only

HSN2 Polyclonal antibody

Catalog Number: 24055-1-AP



Basic Information

Catalog Number: 24055-1-AP	GenBank Accession Number: BC130469	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 450 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 378465	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9H4A3	
Isotype: IgG	Full Name: hereditary sensory neuropathy, type II	
Immunogen Catalog Number: AG21184	Calculated MW: 2634 aa, 280 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, MCF-7 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human kidney tissue, human gliomas tissue

Background Information

HSN2, also named as WNK1, KDP, KIAA0344, PRKWINK1, P65 and hWNK1, is a serine/threonine kinase which plays an important role in the regulation of electrolyte homeostasis, cell signaling, survival, and proliferation. It acts as an activator and inhibitor of sodium-coupled chloride cotransporters and potassium-coupled chloride cotransporters respectively. WNK1 may also play a role in actin cytoskeletal reorganization. This antibody detects the 65 kDa protein (Erythrocyte 65 kDa protein, P65).

Storage

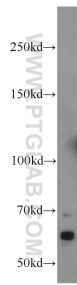
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

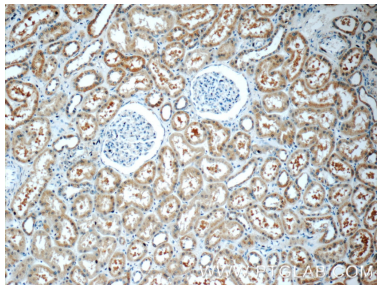
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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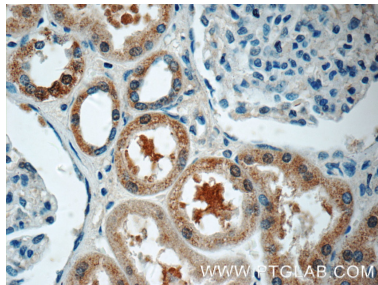
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 24055-1-AP (HSN2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24055-1-AP (HSN2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24055-1-AP (HSN2 Antibody) at dilution of 1:50 (under 40x lens).