

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 µg/ml by Nanodrop and 340 µg/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	Full Name: hereditary sensory neuropathy, type II	
Isotype: IgG	Calculated MW: 2634 aa, 280 kDa	
Immunogen Catalog Number: AG21184	Observed MW: 65 kDa	

Applications

Tested Applications: IHC, WB, 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

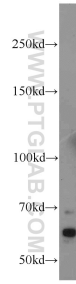
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

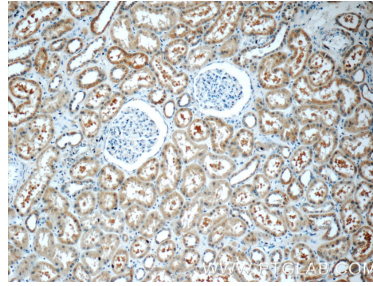
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

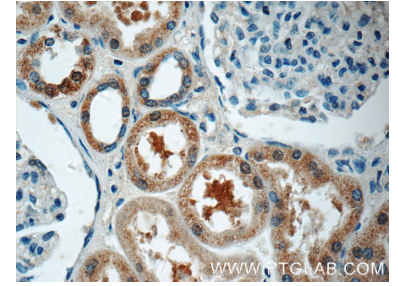
Selected Validation Data



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).