

# HSN2 Polyclonal antibody

Catalog Number: 24055-1-AP

## Basic Information

<b>Catalog Number:</b> 24055-1-AP	<b>GenBank Accession Number:</b> BC130469	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 378465	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H4A3	
<b>Isotype:</b> IgG	<b>Full Name:</b> hereditary sensory neuropathy, type II	
<b>Immunogen Catalog Number:</b> AG21184	<b>Calculated MW:</b> 2634 aa, 280 kDa <b>Observed MW:</b> 65 kDa	

## Applications

**Tested Applications:**  
IHC, WB, 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, MCF-7 cells

**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**

For technical support and original validation data for this product please contact:

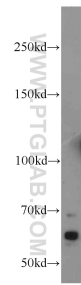
T: 4006900926

E: Proteintech-CN@ptglab.com

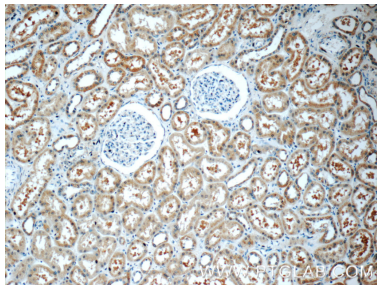
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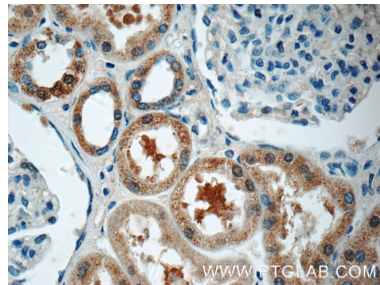
Selected Validation Data



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).