

For Research Use Only

# SLC12A4 Polyclonal antibody

Catalog Number: 15927-1-AP



## Basic Information

<b>Catalog Number:</b> 15927-1-AP	<b>GenBank Accession Number:</b> BC021193	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6560	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> solute carrier family 12 (potassium/chloride transporters), member 4	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1085 aa, 121 kDa	
<b>Immunogen Catalog Number:</b> AG8762	<b>Observed MW:</b> 121 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Species Specificity:

human, mouse, rat

**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 : HeLa cells,

IP : HeLa cells,

IHC : human liver cancer tissue,

## Background Information

### 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

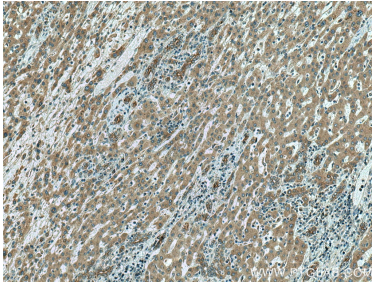
For technical support and original validation data for this product please contact:

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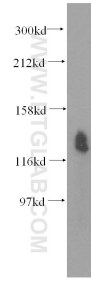
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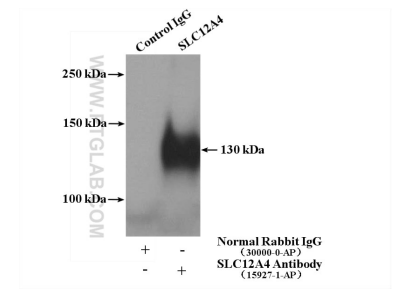
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15927-1-AP (SLC12A4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HeLa cells were subjected to SDS PAGE followed by western blot with 15927-1-AP (SLC12A4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP Result of anti-SLC12A4 (IP:15927-1-AP, 4ug; Detection:15927-1-AP 1:500) with HeLa cells lysate 3200ug.