

For Research Use Only

# SLC12A4 Polyclonal antibody

Catalog Number: 15927-1-AP



## Basic Information

**Catalog Number:**

15927-1-AP

**Size:**

150ul, Concentration: 133 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8762

**GenBank Accession Number:**

BC021193

**GeneID (NCBI):**

6560

**UNIPROT ID:**

Q9UP95

**Full Name:**

solute carrier family 12 (potassium/chloride transporters), member 4

**Calculated MW:**

1085 aa, 121 kDa

**Observed MW:**

121 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IP, IHC, 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,

## 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

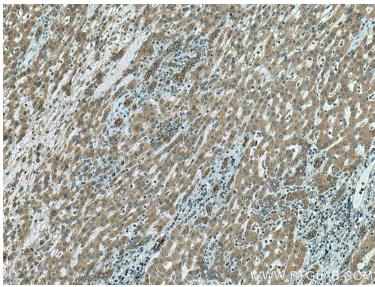
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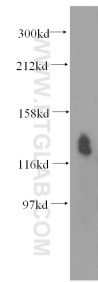
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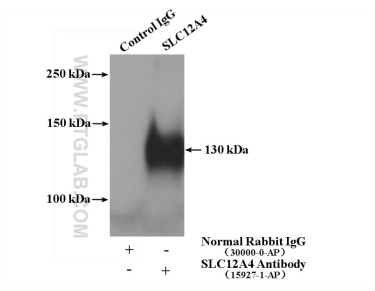
Selected Validation Data



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.