

For Research Use Only

# SLC5A11 Polyclonal antibody

Catalog Number: 14089-1-AP **2 Publications**



## Basic Information

|  |  |  |
|--|--|--|
| <b>Catalog Number:</b><br>14089-1-AP       | <b>GenBank Accession Number:</b><br>BC057780   | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>400 µg/ml                  | <b>GeneID (NCBI):</b><br>115584  | <b>Recommended Dilutions:</b><br>WB 1:300-1:1000<br>IHC 1:50-1:500 |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>Q8WWX8   |  |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>solute carrier family 5<br>(sodium/glucose cotransporter),<br>member 11 |  |
| <b>Immunogen Catalog Number:</b><br>AG5220 | <b>Calculated MW:</b><br>611 aa, 67 kDa  |  |
|  | <b>Observed MW:</b><br>74 kDa  |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IHC, WB, ELISA  | <b>Positive Controls:</b><br>WB : C2C12 cells,<br>IHC : human colon cancer tissue, mouse skeletal muscle tissue |
| <b>Cited Applications:</b><br>WB   |   |
| <b>Species Specificity:</b><br>human, mouse  |   |
| <b>Cited Species:</b><br>human   |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## Background Information

### Notable Publications

| Author          | Pubmed ID | Journal                 | Application |
|-----------------|-----------|-------------------------|-------------|
| Reshma A Pillai | 33165596  | J Clin Endocrinol Metab | WB          |
| Yue-Hua Jiang   | 32410992  | Front Pharmacol         | WB          |

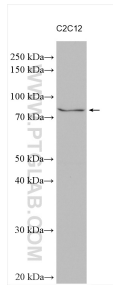
## Storage

**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

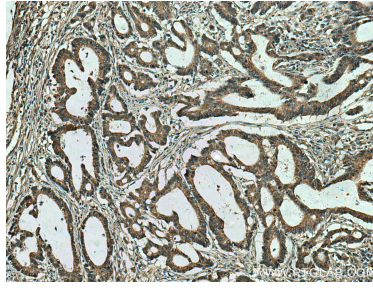
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## Selected Validation Data



C2C12 cells were subjected to SDS PAGE followed by western blot with 14089-1-AP (SLC5A11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14089-1-AP (SLC5A11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).