

## Rabbit anti-Human SLC5A5 Polyclonal Antibody | anti-SLC5A5 antibody

SLC5A5 Polyclonal Antibody

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA168927</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

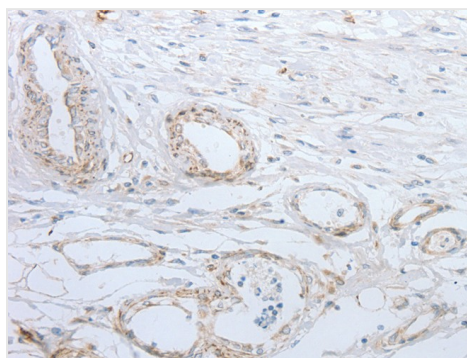
### PRODUCT SYNONYMS

SLC5A5; Polyclonal Antibody; SLC5A5 Polyclonal Antibody; NIS; TDH1; anti-SLC5A5 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                  |
|--------------------------------------------------|--------------------------------------------------|
| Host                                             | Rabbit                                           |
| Reactivity                                       | Human                                            |
| Clonality                                        | Polyclonal                                       |
| Isotype                                          | IgG                                              |
| Purity/Purification                              | Antigen affinity purification                    |
| Form/Format                                      | PBS with 0.05% sodium azide, 50% glycerol, pH7.4 |
| Sequence Length                                  | 643                                              |
| Applicable Applications for anti-SLC5A5 antibody | ELISA, WB (Western Blot)                         |
| Immunogen                                        | Synthetic peptide of human SLC5A5                |
| Preparation and Storage                          | Store at -20°C. Avoid freeze / thaw cycles.      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using SLC5A5 Polyclonal Antibody at dilution of 1:25

### ADDITIONAL INFORMATION

#### Related Product Information for anti-SLC5A5 antibody

This gene encodes a member of the sodium glucose cotransporter family. The encoded protein is responsible for the uptake of iodine in tissues such as the thyroid and lactating breast tissue. The iodine taken up by the thyroid is incorporated into the metabolic regulators triiodothyronine (T3) and tetraiodothyronine (T4). Mutations in this gene are associated with thyroid dysmorphogenesis 1.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507035                                                                                                                                  |
| NCBI GeneID                      | 6528                                                                                                                                     |
| NCBI Accession #                 | NP_000444.1                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_000453.2                                                                                                                              |
| Molecular Weight                 | Calculated MW: 69 kDa                                                                                                                    |
| NCBI Official Full Name          | sodium/iodide cotransporter                                                                                                              |
| NCBI Official Synonym Full Names | solute carrier family 5 (sodium/iodide cotransporter), member 5                                                                          |
| NCBI Official Symbol             | SLC5A5                                                                                                                                   |
| NCBI Official Synonym Symbols    | NIS; TDH1                                                                                                                                |
| NCBI Protein Information         | sodium/iodide cotransporter; Na(+)/I(-) cotransporter; Na(+)/I(-) symporter; solute carrier family 5 (sodium iodide symporter), member 5 |
| UniProt Protein Name             | Sodium/iodide cotransporter                                                                                                              |
| UniProt Gene Name                | SLC5A5                                                                                                                                   |
| UniProt Synonym Gene Names       | NIS; Na(+)/I(-) cotransporter; Na(+)/I(-) symporter                                                                                      |
| UniProt Entry Name               | SC5A5_HUMAN                                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc5a5-antibody-western-blot-elisa/168927>