

## Rabbit SLC5A3 / SMIT2 Polyclonal Antibody | anti-SLC5A3 antibody

Rabbit Polyclonal (IgG) to Human SLC5A3 / SMIT2

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA52263  | Rabbit | Human, Mouse, Rat | ELISA, Western Blot, Immunohistochemistry |

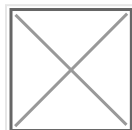
### PRODUCT SYNONYMS

SLC5A3 / SMIT2; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human SLC5A3 / SMIT2; Anti-SLC5A3 / SMIT2 Antibody (aa221-270) IHC-plus; SLC5A3; Na+/myo-inositol cotransporter; SMIT1; SMIT2; SMIT; BCW2 protein; Human SLC5A3; anti-SLC5A3 antibody

### PRODUCT SPECIFICATIONS

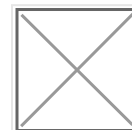
|                                                  |                                                                                             |
|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                      |
| Reactivity                                       | Human, Mouse, Rat                                                                           |
| Clonality                                        | Polyclonal                                                                                  |
| Isotype                                          | IgG                                                                                         |
| Specificity                                      | SLC5A3 Antibody detects endogenous levels of total SLC5A3 protein.                          |
| Purity/Purification                              | Immunoaffinity Purified                                                                     |
| Form/Format                                      | PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol  |
| Concentration                                    | 1 mg/ml (varies by lot)                                                                     |
| Sequence Length                                  | 718                                                                                         |
| Applicable Applications for anti-SLC5A3 antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                        |
| Target Species                                   | Human                                                                                       |
| Immunogen Description                            | Synthetic peptide from human SLC5A3 (aa221-270).                                            |
| Immunogen                                        | SLC5A3 / SMIT2 antibody was raised against synthetic peptide from human SLC5A3 (aa221-270). |
| Antigen Modification                             | aa221-270                                                                                   |
| Preparation and Storage                          | Store at -20 degree C for up to one year.                                                   |

### IMAGES



#### WB (Western Blot)

Western blot of extracts from HUVEC cells, using SLC5A3 Antibody. The lane on the right is treated with the synthesized peptide.



#### IHC (Immunohistochemistry)

Anti-SLC5A3 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



#### IHC (Immunohistochemistry)

Anti-SLC5A3 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

### ADDITIONAL INFORMATION

|                                                    |                                                         |
|----------------------------------------------------|---------------------------------------------------------|
| Product Categories/Family for anti-SLC5A3 antibody | Family: Transporter; Subfamily: Solute:sodium symporter |
|----------------------------------------------------|---------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 3334498                                                                                                                                                                                                |
| NCBI GeneID                      | 6526                                                                                                                                                                                                   |
| UniProt Accession #              | P53794; O43489                                                                                                                                                                                         |
| Molecular Weight                 | 79,694 Da                                                                                                                                                                                              |
| NCBI Official Full Name          | Sodium/myo-inositol cotransporter                                                                                                                                                                      |
| NCBI Official Synonym Full Names | solute carrier family 5 (sodium/myo-inositol cotransporter), member 3                                                                                                                                  |
| NCBI Official Symbol             | SLC5A3                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | BCW2; SMIT; SMIT1; SMIT2                                                                                                                                                                               |
| NCBI Protein Information         | sodium/myo-inositol cotransporter; Na(+)/myo-inositol cotransporter; sodium/myo-inositol transporter 1; sodium/myo-inositol cotransporter 1; solute carrier family 5 (inositol transporters), member 3 |
| UniProt Protein Name             | Sodium/myo-inositol cotransporter                                                                                                                                                                      |
| UniProt Gene Name                | <b>SLC5A3</b>                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | Na(+)/myo-inositol cotransporter; SMIT1                                                                                                                                                                |
| UniProt Entry Name               | SC5A3_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://stage.aaabiotech.com/polyclonal/slc5a3-smit2-antibody-western-blot-immunohistochemistry-elisa/52263>