

## Rabbit anti-Human, Mouse SLC2A13 / HMIT / GLUT13 Polyclonal Antibody | anti-SLC2A13 antibody

Rabbit Polyclonal to Human SLC2A13 / HMIT / GLUT13

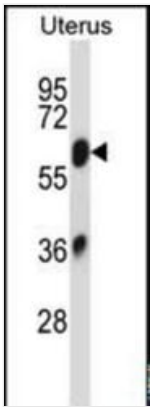
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA52411  | Rabbit | Human, Mouse | Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

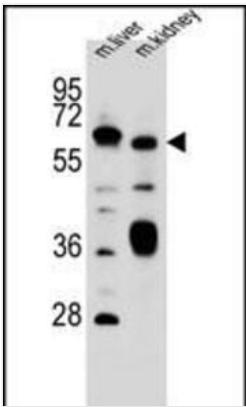
SLC2A13 / HMIT / GLUT13; Polyclonal Antibody; Rabbit Polyclonal to Human SLC2A13 / HMIT / GLUT13; Anti-SLC2A13 / HMIT / GLUT13 Antibody (aa248-278) IHC-plus; SLC2A13; H(+)-myo-inositol symporter; HMIT; Glut13; Human SLC2A13; GLUT13; anti-SLC2A13 antibody

### PRODUCT SPECIFICATIONS

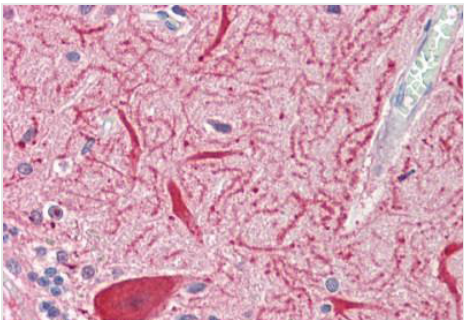
|                                                   |                                                                                                                             |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                      |
| Reactivity                                        | Human, Mouse                                                                                                                |
| Clonality                                         | Polyclonal                                                                                                                  |
| Specificity                                       | Human SLC2A13 / HMIT                                                                                                        |
| Purity/Purification                               | Immunoaffinity Purified                                                                                                     |
| Form/Format                                       | PBS, 0.09% sodium azide                                                                                                     |
| Sequence Length                                   | 648                                                                                                                         |
| Applicable Applications for anti-SLC2A13 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                               |
| Target Species                                    | Human                                                                                                                       |
| Immunogen Description                             | KLH-conjugated synthetic peptide from internal region of human SLC2A13.                                                     |
| Immunogen Type                                    | Synthetic peptide                                                                                                           |
| Immunogen                                         | SLC2A13 / HMIT / GLUT13 antibody was raised against KLH-conjugated synthetic peptide from internal region of human SLC2A13. |
| Antigen Modification                              | aa248-278                                                                                                                   |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.                      |



**WB (Western Blot)**  
SLC2A13 Antibody (Center) Western blot of human normal Uterus tissue lysates (35 ug/lane). This demonstrates the SLC2A13 antibody detected the SLC2A13 protein (arrow).



**WB (Western Blot)**  
SLC2A13 Antibody (Center) Western blot of mouse liver,kidney tissue lysates (35 ug/lane). This demonstrates the SLC2A13 antibody detected the SLC2A13 protein (arrow).



**IHC (Immunohistochemistry)**  
Anti-SLC2A13 / HMIT / GLUT13 antibody IHC staining of human brain, cerebellum.  
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SLC2A13 antibody | HMIT is a sugar transporter specific for myo-inositol and related stereoisomers with a Michaelis-Menten constant of approximately 100 microM. The transport activity of HMIT is strongly stimulated by decreasing pH. |
| Product Categories/Family for anti-SLC2A13 antibody   | Family: <a href="#">Transporter</a> ; Subfamily: <a href="#">Sugar transporter</a>                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">203098995</a>                                            |
| NCBI GeneID                      | <a href="#">114134</a>                                               |
| NCBI Accession #                 | <a href="#">NP_443117.3</a>                                          |
| NCBI GenBank Nucleotide #        | <a href="#">NM_052885.3</a>                                          |
| UniProt Accession #              | <a href="#">Q96QE2</a> ; <a href="#">Q17S07</a>                      |
| Molecular Weight                 | 70,371 Da                                                            |
| NCBI Official Full Name          | proton myo-inositol cotransporter                                    |
| NCBI Official Synonym Full Names | solute carrier family 2 (facilitated glucose transporter), member 13 |
| NCBI Official Symbol             | SLC2A13                                                              |
| NCBI Official Synonym Symbols    | HMIT                                                                 |

|                            |                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | proton myo-inositol cotransporter; H(+)-myo-inositol symporter; h(+)-myo-inositol cotransporter; solute carrier family 2 member 13; proton (H+) myo-inositol symporter |
| UniProt Protein Name       | Proton myo-inositol cotransporter                                                                                                                                      |
| UniProt Gene Name          | SLC2A13                                                                                                                                                                |
| UniProt Synonym Gene Names | H(+)-myo-inositol cotransporter; Hmit                                                                                                                                  |
| UniProt Entry Name         | MYCT_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/slc2a13-hmit-glut13-antibody-western-blot-immunohistochemistry-elisa/52411>