

## Rabbit anti-Human SLC16A7 Polyclonal Antibody | anti-SLC16A7 antibody

SLC16A7 Polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA176775</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

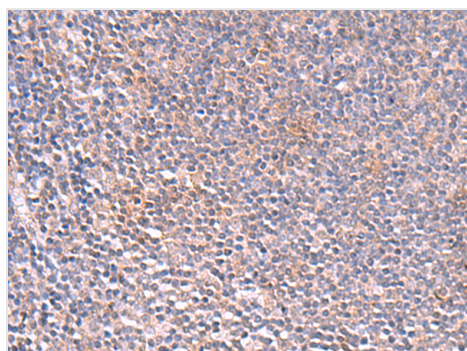
### PRODUCT SYNONYMS

SLC16A7; Polyclonal Antibody; SLC16A7 Polyclonal Antibody; MCT 2; MCT; Monocarboxylate transporter 2; MonocarboxylateTransporter 2; MOT2; Solute carrier family 16 (monocarboxylate transporter); Member 7; Solute carrier family 16 member 7; Solute carrier Family 16 Monocarboxylic Acid Transporters Member 7; Solute carrier family 16; Member 7 (monocarboxylic acid transporter 2); anti-SLC16A7 antibody

### PRODUCT SPECIFICATIONS

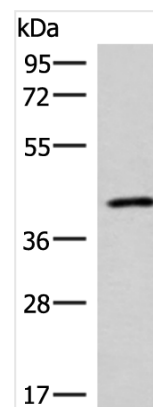
|                                                   |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| Host                                              | Rabbit                                                  |
| Reactivity                                        | Human                                                   |
| Clonality                                         | Polyclonal                                              |
| Isotype                                           | IgG                                                     |
| Purity/Purification                               | Antigen Affinity Purification                           |
| Form/Format                                       | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                     | 1.02mg/mL (varies by lot)                               |
| Sequence Length                                   | 478                                                     |
| Applicable Applications for anti-SLC16A7 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                         | Synthetic peptide of human SLC16A7                      |
| Conjugation                                       | Unconjugated                                            |
| Preparation and Storage                           | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human tonsil tissue using SLC16A7 Polyclonal Antibody at dilution of 1:35(×200)



**WB (Western Blot)**

Western blot analysis of Human abdominal interstitial sarcoma tissue lysate using SLC16A7 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SLC16A7 antibody | This gene is a member of the monocarboxylate transporter family. Members in this family transport metabolites, such as lactate, pyruvate, and ketone bodies. The protein encoded by this gene catalyzes the proton-linked transport of monocarboxylates and has the highest affinity for pyruvate. This protein has been reported to be more highly expressed in prostate and colorectal cancer specimens when compared to control specimens. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-SLC16A7 antibody   | Cancer; Metabolism; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 313104141                         |
| NCBI GeneID                      | 9194                              |
| UniProt Accession #              | O60669                            |
| Molecular Weight                 | 52 kDa                            |
| NCBI Official Full Name          | Monocarboxylate transporter 2     |
| NCBI Official Synonym Full Names | solute carrier family 16 member 7 |
| NCBI Official Symbol             | SLC16A7                           |
| NCBI Official Synonym Symbols    | MCT2                              |
| NCBI Protein Information         | monocarboxylate transporter 2     |
| UniProt Protein Name             | Monocarboxylate transporter 2     |
| UniProt Gene Name                | SLC16A7                           |
| UniProt Synonym Gene Names       | MCT2; MCT 2                       |
| UniProt Entry Name               | MOT2_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/slc16a7-antibody-immunohistochemistry-western-blot-elisa/176775>