

## Rabbit anti-Human, Mouse MCT4 Polyclonal Antibody | anti-MCT4 antibody

Rabbit anti-MCT4 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA220822 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

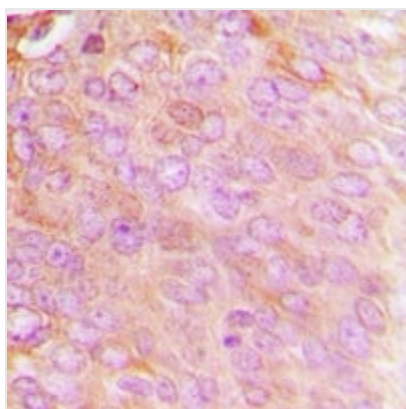
### PRODUCT SYNONYMS

MCT4; Polyclonal Antibody; Rabbit anti-MCT4 Antibody; MCT5; Monocarboxylate transporter 5; MCT 5; Monocarboxylate transporter 4; MCT 4; Solute carrier family 16 member 4; anti-MCT4 antibody

### PRODUCT SPECIFICATIONS

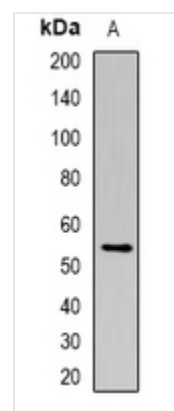
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse                                                                                              |
| Clonality                                      | Polyclonal                                                                                                |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-MCT4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                      | Recombinant full length protein of human MCT4                                                             |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of MCT4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of MCT4 expression in mouse skeletal muscle (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-MCT4 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6225706                                                                                                                                                                                                                   |
| NCBI GeneID                      | 9122                                                                                                                                                                                                                      |
| UniProt Accession #              | O15374; Q8R0M8                                                                                                                                                                                                            |
| Molecular Weight                 | 439                                                                                                                                                                                                                       |
| NCBI Official Full Name          | Monocarboxylate transporter 5                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | solute carrier family 16, member 4                                                                                                                                                                                        |
| NCBI Official Symbol             | SLC16A4                                                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | MCT4; MCT5                                                                                                                                                                                                                |
| NCBI Protein Information         | monocarboxylate transporter 5; MCT 4; MCT 5; monocarboxylate transporter 4; solute carrier family 16 (monocarboxylic acid transporters), member 4; solute carrier family 16, member 4 (monocarboxylic acid transporter 5) |
| UniProt Protein Name             | Monocarboxylate transporter 5                                                                                                                                                                                             |
| UniProt Gene Name                | SLC16A4                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | MCT4; MCT5; MCT 5; MCT 4                                                                                                                                                                                                  |
| UniProt Entry Name               | MOT5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/mct4-antibody-immunohistochemistry-western-blot-elisa/220822>