

## Rabbit OCTN2 Polyclonal Antibody | anti-OCTN2 antibody

Anti-OCTN2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA263479 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

OCTN2; Polyclonal Antibody; Anti-OCTN2 Antibody; Solute carrier family 22 member 5; High-affinity sodium-dependent carnitine cotransporter; Organic cation/carnitine transporter 2; anti-OCTN2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                                         |
| Clonality                                       | Polyclonal                                                                                                |
| Specificity                                     | Recognizes endogenous levels of OCTN2 protein.                                                            |
| Purity/Purification                             | 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. |
| Sequence Length                                 | 581                                                                                                       |
| Applicable Applications for anti-OCTN2 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                     |
| Immunogen                                       | Recombinant full length protein of human OCTN2                                                            |
| Preparation and Storage                         | Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                           |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of OCTN2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of OCTN2 expression in MCF7 (A), A549 (B), mouse kidney (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-OCTN2 antibody | Rabbit polyclonal antibody to OCTN2 |
|-----------------------------------------------------|-------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 815890826 |
| NCBI GeneID | 6584      |

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI Accession #                 | NP_001295051.1                                 |
| NCBI GenBank Nucleotide #        | NM_001308122.1                                 |
| UniProt Accession #              | O76082; Q6ZQZ8; Q96EH6; A2Q0V1; B2R844; D3DQ87 |
| NCBI Official Full Name          | solute carrier family 22 member 5 isoform a    |
| NCBI Official Synonym Full Names | solute carrier family 22 member 5              |
| NCBI Official Symbol             | SLC22A5                                        |
| NCBI Official Synonym Symbols    | CDSP; OCTN2                                    |
| NCBI Protein Information         | solute carrier family 22 member 5              |
| UniProt Protein Name             | Solute carrier family 22 member 5              |
| UniProt Gene Name                | <b>SLC22A5</b>                                 |
| UniProt Synonym Gene Names       | OCTN2                                          |

**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/octn2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/263479>