

## Rabbit NPC2 Polyclonal Antibody | anti-NPC2 antibody

Rabbit anti-NPC2 Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA222058</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

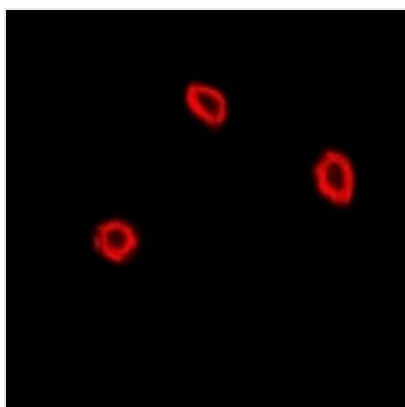
### PRODUCT SYNONYMS

NPC2; Polyclonal Antibody; Rabbit anti-NPC2 Antibody; HE1; Epididymal secretory protein E1; Human epididymis-specific protein 1; He1; Niemann-Pick disease type C2 protein; anti-NPC2 antibody

### PRODUCT SPECIFICATIONS

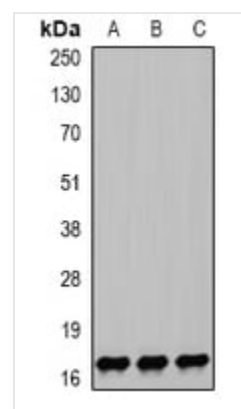
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                         |
| 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-NPC2 antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                      | Recombinant full length protein of human NPC2                                                             |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of NPC2 staining in U2OS 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 NPC2 expression in HEK293T (A), mouse lung (B), mouse liver (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-NPC2 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5453678                                                                                                                                                             |
| NCBI GeneID                      | 10577                                                                                                                                                               |
| NCBI Accession #                 | NP_006423                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_006432                                                                                                                                                           |
| UniProt Accession #              | P61916; Q9Z0J0                                                                                                                                                      |
| Molecular Weight                 | 13,416 Da                                                                                                                                                           |
| NCBI Official Full Name          | epididymal secretory protein E1                                                                                                                                     |
| NCBI Official Synonym Full Names | Niemann-Pick disease, type C2                                                                                                                                       |
| NCBI Official Symbol             | NPC2                                                                                                                                                                |
| NCBI Official Synonym Symbols    | HE1; EDDM1                                                                                                                                                          |
| NCBI Protein Information         | epididymal secretory protein E1; Niemann-Pick disease type C2 protein; epididymal protein 1; human epididymis-specific protein 1; tissue-specific secretory protein |
| UniProt Protein Name             | Epididymal secretory protein E1                                                                                                                                     |
| UniProt Gene Name                | <b>NPC2</b>                                                                                                                                                         |
| UniProt Synonym Gene Names       | HE1; He1                                                                                                                                                            |
| UniProt Entry Name               | NPC2_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/npc2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/222058>