

## Rabbit NPC2 Polyclonal Antibody | anti-NPC2 antibody

Anti-NPC2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA262045 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

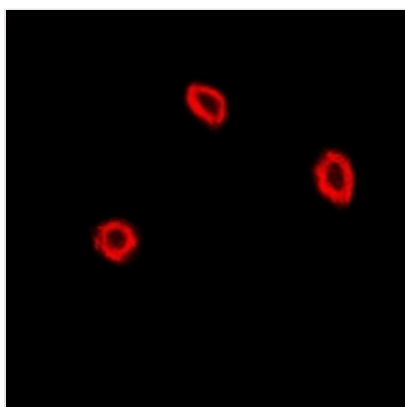
### PRODUCT SYNONYMS

NPC2; Polyclonal Antibody; 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

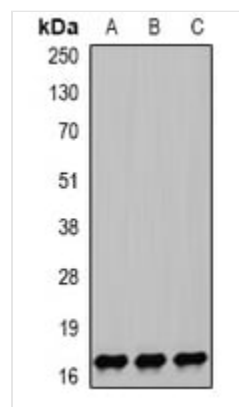
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Specificity                                    | Recognizes endogenous levels of NPC2 protein.                                                                  |
| 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.      |
| Sequence Length                                | 125                                                                                                            |
| Applicable Applications for anti-NPC2 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                      | Recombinant full length protein of human NPC2                                                                  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid 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

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-NPC2 antibody | Rabbit polyclonal antibody to NPC2 |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 5453678                                     |
| NCBI GeneID                      | 10577                                       |
| NCBI Accession #                 | NP_006423.1                                 |
| NCBI GenBank Nucleotide #        | NM_006432.3                                 |
| UniProt Accession #              | P61916; Q15668; Q29413; B4DQV7              |
| Molecular Weight                 | 13,416 Da                                   |
| NCBI Official Full Name          | epididymal secretory protein E1             |
| NCBI Official Synonym Full Names | NPC intracellular cholesterol transporter 2 |
| NCBI Official Symbol             | NPC2                                        |
| NCBI Official Synonym Symbols    | HE1; EDDM1                                  |
| NCBI Protein Information         | epididymal secretory protein E1             |
| 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://www.aaabiotech.com/polyclonal/npc2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262045>