

**Anti-PELP1 antibody (1021-1180) (STJ24959)**  
STJ24959

**GENERAL INFORMATION**

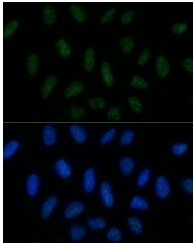
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse/Rat       |

**PRODUCT PROPERTIES**

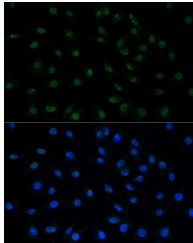
|                            |                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                         |
| <b>Clone ID</b>            |                                                                                                                                                                                                    |
| <b>Concentration</b>       | Lot specific                                                                                                                                                                                       |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                       |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                              |
| <b>Dilution Range</b>      | WB:1:500-1:2000<br>IHC-P:1:50-1:100<br>IF/ICC:1:50-1:100<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                                                                                   |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                     |

**TARGET INFORMATION**

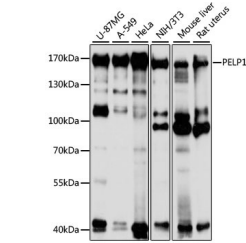
|                           |                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 27043                                                                                                                                                                  |
| <b>Gene Symbol</b>        | PELP1                                                                                                                                                                  |
| <b>Uniprot ID</b>         | PELP1_HUMAN                                                                                                                                                            |
| <b>Immunogen</b>          |                                                                                                                                                                        |
| <b>Region</b>             | 1021-1180                                                                                                                                                              |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1021-1180 of human PELP1 (NP_055204.3).                                                  |
| <b>Immunogen Sequence</b> | EVEEGAPPPPTLPALPPPE SPPKVQPEPEPEGLLLEVE EPGTEERGADTAPTLAPEA LPSQGEVEREGESPAAGPPP<br>QELVEEESAPPTLLEEETE DGSDKVQPPPETPAEEEMET ETEAEALQEKEQDDTAAMLA DFIDCPPDDEKPPPTPEPDS |



Immunofluorescence analysis of U2OS cells using PELP1 Rabbit polyclonal antibody (STJ24959) at dilution of 100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using PELP1 Rabbit polyclonal antibody (STJ24959) at dilution of 100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using PELP1 Rabbit polyclonal antibody (STJ24959) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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