

## Rabbit PRODH Polyclonal Antibody | anti-PRODH antibody

Anti-PRODH Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA262381</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

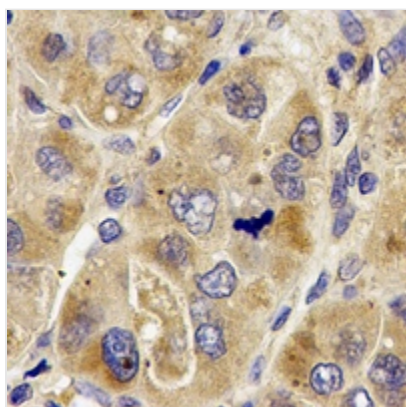
### PRODUCT SYNONYMS

PRODH; Polyclonal Antibody; Anti-PRODH Antibody; PIG6; POX2; Proline dehydrogenase 1; mitochondrial; Proline oxidase; Proline oxidase 2; p53-induced gene 6 protein; anti-PRODH antibody

### PRODUCT SPECIFICATIONS

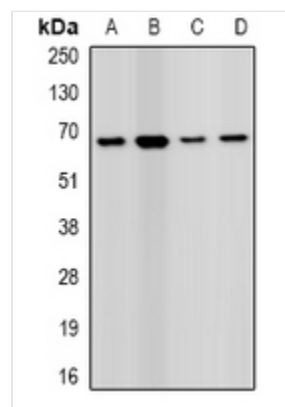
|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                                         |
| Clonality                                       | Polyclonal                                                                                                |
| Specificity                                     | Recognizes endogenous levels of PRODH 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                                 | 516                                                                                                       |
| Applicable Applications for anti-PRODH antibody | WB (Western Blot)                                                                                         |
| Immunogen                                       | Recombinant full length protein of human PRODH                                                            |
| Preparation and Storage                         | Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                          |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PRODH staining in human liver 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 PRODH expression in MCF7 (A), HEK293T (B), mouse liver (C), mouse kidney (D) whole cell lysates. (Predicted band size: 56; 59; 68 kD; Observed band size: 68 kD)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 304766647                                                              |
| NCBI GeneID                      | 5625                                                                   |
| NCBI Accession #                 | NP_001182155.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001195226.1                                                         |
| UniProt Accession #              | O43272; O14680; Q0P507; Q147W8; Q504W1; Q59FI8; Q6NV86; Q9UF13; A6NF53 |
| NCBI Official Full Name          | proline dehydrogenase 1, mitochondrial isoform 2                       |
| NCBI Official Synonym Full Names | proline dehydrogenase 1                                                |
| NCBI Official Symbol             | PRODH                                                                  |
| NCBI Official Synonym Symbols    | POX; PIG6; HSPOX2; PRODH1; PRODH2; TP53I6                              |
| NCBI Protein Information         | proline dehydrogenase 1, mitochondrial                                 |
| UniProt Protein Name             | Proline dehydrogenase 1, mitochondrial                                 |
| UniProt Gene Name                | <b>PRODH</b>                                                           |
| UniProt Synonym Gene Names       | PIG6; POX2                                                             |
| UniProt Entry Name               | PROD_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/prodh-antibody-western-blot-elisa/262381>