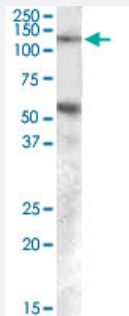


# PALLD polyclonal antibody

Catalog # PAB15653      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

PALLD polyclonal antibody (Cat # PAB15653) (0.1 ug/mL) staining of human umbilical cord lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

|                             |                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Goat polyclonal antibody raised against synthetic peptide of PALLD.                                                                                                                                                                                                                                                                                          |
| <b>Immunogen</b>            | A synthetic peptide corresponding to amino acids 895-907 of human PALLD.                                                                                                                                                                                                                                                                                     |
| <b>Sequence</b>             | C-RDSGDENEPIQER                                                                                                                                                                                                                                                                                                                                              |
| <b>Host</b>                 | Goat                                                                                                                                                                                                                                                                                                                                                         |
| <b>Theoretical MW (kDa)</b> | 122                                                                                                                                                                                                                                                                                                                                                          |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>          | Approximately 125 KDa band observed in human umbilical cord lysates (calculated MW of 122 KDa according to NP_057165.3).<br>An additional band of 55 KDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot. |
| <b>Form</b>                 | Liquid                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>         | Antigen affinity purification                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>        | 0.5 mg/mL                                                                                                                                                                                                                                                                                                                                                    |

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Recommend Usage</b>     | ELISA (1:2000)<br>Western Blot (0.1-0.3 ug/mL)<br>The optimal working dilution should be determined by the end user.   |
| <b>Storage Buffer</b>      | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)                                                                  |
| <b>Storage Instruction</b> | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                     |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — PALLD

|                           |                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">23022</a>                                                                                                            |
| <b>Protein Accession#</b> | <a href="#">NP_057165.3</a>                                                                                                      |
| <b>Gene Name</b>          | PALLD                                                                                                                            |
| <b>Gene Alias</b>         | CGI-151, FLJ22190, FLJ38193, FLJ39139, KIAA0992, PNCA1, SIH002                                                                   |
| <b>Gene Description</b>   | palladin, cytoskeletal associated protein                                                                                        |
| <b>Omim ID</b>            | <a href="#">260350</a> <a href="#">606856</a> <a href="#">608092</a>                                                             |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                        |
| <b>Gene Summary</b>       | Palladin is a component of actin-containing microfilaments that control cell shape, adhesion, and contraction.[supplied by OMIM] |
| <b>Other Designations</b> | palladin sarcoma antigen NY-SAR-77                                                                                               |

## Publication Reference

- [Five common gene variants identify elevated genetic risk for coronary heart disease.](#)

Bare LA, Morrison AC, Rowland CM, Shiffman D, Luke MM, Iakoubova OA, Kane JP, Malloy MJ, Ellis SG, Pankow JS, Willerson JT, Devlin JJ, Boerwinkle E.

Genetics in Medicine 2007 Oct; 9(10):682.

## Disease

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