

## Rabbit CERKL Polyclonal Antibody | anti-CERKL antibody

Rabbit anti-CERKL Antibody

|                               |                       |                                    |                                                           |
|-------------------------------|-----------------------|------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA220451</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Monkey</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

CERKL; Polyclonal Antibody; Rabbit anti-CERKL Antibody; Ceramide kinase-like protein; anti-CERKL antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Monkey                                                                                                                        |
| 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-CERKL antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CERKL. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CERKL staining in human prostate 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 CERKL expression in MCF7 (A), COLO205 (B) whole cell lysates.

### ADDITIONAL INFORMATION

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

### NCBI AND UNIPROT INFORMATION

|                  |                |
|------------------|----------------|
| NCBI GI #        | 71896723       |
| NCBI GeneID      | 375298         |
| NCBI Accession # | NP_001025482.1 |

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001030311.2                                                                                 |
| UniProt Accession #              | Q49MI3; Q49MH9; Q49MI0; Q49MI1; Q49MI2; Q5DVJ2; Q5DVJ4; Q5DVJ5; Q6UZF6; Q6ZP59; B2RPL2; B4DEY1 |
| Molecular Weight                 | 62,622 Da                                                                                      |
| NCBI Official Full Name          | ceramide kinase-like protein isoform 2                                                         |
| NCBI Official Synonym Full Names | ceramide kinase-like                                                                           |
| NCBI Official Symbol             | CERKL                                                                                          |
| NCBI Official Synonym Symbols    | RP26                                                                                           |
| NCBI Protein Information         | ceramide kinase-like protein                                                                   |
| UniProt Protein Name             | Ceramide kinase-like protein                                                                   |
| UniProt Gene Name                | <b>CERKL</b>                                                                                   |
| UniProt Entry Name               | CERKL_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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