

## Rabbit anti-Human CARKL Polyclonal Antibody | anti-CARKL antibody

Rabbit anti-CARKL Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA219940 | Rabbit | Human      | Immunohistochemistry, Western Blot |

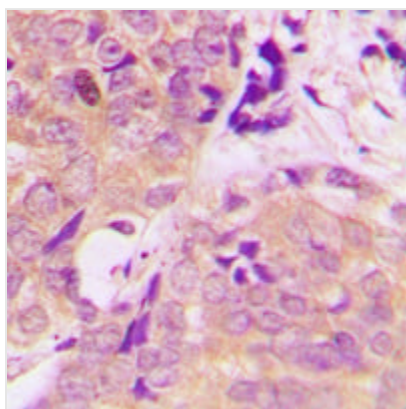
### PRODUCT SYNONYMS

CARKL; Polyclonal Antibody; Rabbit anti-CARKL Antibody; Sedoheptulokinase; SHK; Carbohydrate kinase-like protein; anti-CARKL antibody

### PRODUCT SPECIFICATIONS

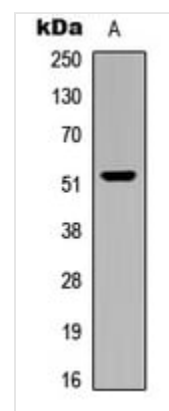
|                                                 |                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------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

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CARKL 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 CARKL expression in human brain (A) whole cell lysates.

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 74315356                                            |
| NCBI GeneID                      | 23729                                               |
| NCBI Accession #                 | NP_037408.2                                         |
| NCBI GenBank Nucleotide #        | NM_013276.2                                         |
| UniProt Accession #              | Q9UHH6; Q8WUH3; B2R640                              |
| Molecular Weight                 | 51,491 Da                                           |
| NCBI Official Full Name          | sedoheptulokinase                                   |
| NCBI Official Synonym Full Names | sedoheptulokinase                                   |
| NCBI Official Symbol             | SHPK                                                |
| NCBI Official Synonym Symbols    | SHK; CARKL                                          |
| NCBI Protein Information         | sedoheptulokinase; carbohydrate kinase-like protein |
| UniProt Protein Name             | Sedoheptulokinase                                   |
| UniProt Gene Name                | <b>SHPK</b>                                         |
| UniProt Synonym Gene Names       | CARKL; SHK                                          |
| UniProt Entry Name               | SHPK_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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