

CARKL Polyclonal Antibody

Catalog NumberPA5-49892

Product data sheet

| Details | | Species Reactivity | |
|--------------------|---|--|-------------------|
| Size | 100 µL | Species reactivity | Human, Mouse, Rat |
| Host/Isotope | Rabbit / IgG | Tested Applications | Dilution * |
| Class | Polyclonal | | |
| Type | Antibody | | |
| Immunogen | Synthesized peptide derived from N-terminal of human CARKL. | Immunohistochemistry (Paraffin) (IHC (P)) | 1:50-1:100 |
| Conjugate | Unconjugated | Western Blot (WB) | 1:500-1:3,000 |
| Form | Liquid | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Concentration | 1 mg/mL | | |
| Purification | Antigen affinity chromatography | | |
| Storage buffer | PBS, pH 7.4, with 50% glycerol | | |
| Contains | 0.02% sodium azide | | |
| Storage Conditions | -20°C | | |

Product specific information

The antibody detects endogenous levels of total CARKL protein.

Background/Target Information

The protein encoded by this gene has weak homology to several carbohydrate kinases, a class of proteins involved in the phosphorylation of sugars as they enter a cell, inhibiting return across the cell membrane. Sequence variation between this novel gene and known carbohydrate kinases suggests the possibility of a different substrate, cofactor or changes in kinetic properties distinguishing it from other carbohydrate kinases. The gene resides in a region commonly deleted in cystinosis patients, suggesting a role as a modifier for the cystinosis phenotype. The genomic region is also rich in Alu repetitive sequences, frequently involved in chromosomal rearrangements.

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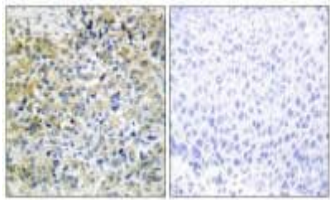
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Product Images For CARKL Polyclonal Antibody

CARKL Antibody (PA5-49892) in IHC (P)

Immunohistochemical analysis of CARKL in paraffin-embedded Human liver carcinoma tissue using CARKL Polyclonal Antibody (Product # PA5-49892).



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