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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-KIFC1 Antibody Picoband® Biotin Conjugated

**Catalog Number:** A05325-1-Biotin

## About KIFC1

Kinesin-like protein KIFC1 is a protein that in humans is encoded by the KIFC1 gene. Kinesin superfamily proteins (KIFs) are molecular motors that drive directional, microtubule-dependent intracellular transport of membrane-bound organelles and other macromolecules (e.g. proteins, nucleic acids). The intracellular transport functions of KIFs are fundamentally important for a variety of cellular functions, including mitotic and meiotic division, motility/migration, hormone and neurotransmitter release, and differentiation. Disruptions to KIF-mediated intracellular transport have been linked with a variety of pathologies, ranging from tumorigenesis to defects in higher order brain function such as learning and memory. KIFC1/HSET is a minus-end directed KIF involved in the processing and movement of early endocytic vesicles, as well as microtubule crosslinking and spindle assembly.

## Overview

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|---|---|
| Product Name | Anti-KIFC1 Antibody Picoband® Biotin Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3. |
| Storage Instructions | At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q9BW19 |

## Technical Details

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|---|---|
| Immunogen | E.coli-derived human KIFC1 recombinant protein (Position: M1-K673). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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For Research Use Only. Not for use in diagnostic procedures.