

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## KIF22 RABBIT PAB

Cat.#: S220655

**Product Name:** Anti-KIF22 Rabbit Polyclonal Antibody

Synonyms: KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2

UNIPROT ID: Q14807 (Gene Accession - NP\_015556)

**Background:** The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human KIF22

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

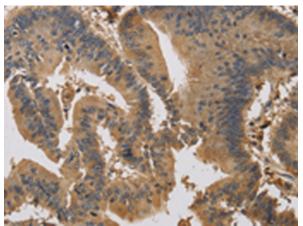
**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

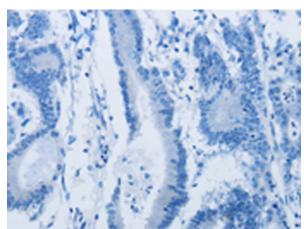


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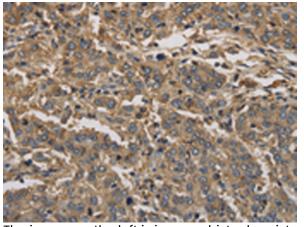
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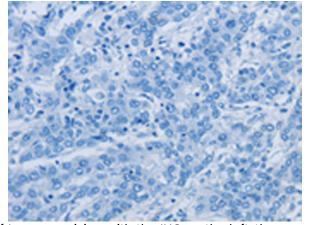
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 220655(KIF22 Antibody) at a dilution of 1/30(Nucleus and Cytoplasm).



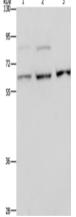
In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 220655(Anti-KIF22 Antibody) at dilution 1/30.



paraffin-embedded Human liver cancer tissue 1/30.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is using 220655(Anti-KIF22 Antibody) at a dilution of first treated with synthetic peptide and then with D261831(Anti-KIF22 Antibody) at dilution 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-3: A431 cells, MCF7 cells, Hela cells; Primary antibody: 220655(KIF22 Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 10 minutes



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