

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CIB2 RABBIT PAB**

Cat.#: S222369

Product Name: Anti-CIB2 Rabbit Polyclonal Antibody

**Synonyms:** KIP2; USH1J; DFNB48

UNIPROT ID: O75838 (Gene Accession - NP\_006374)

**Background:** The protein encoded by this gene is similar to that of KIP/CIB, calcineurin B, and calmodulin. The encoded protein is a calcium-binding regulatory protein that interacts with DNA-dependent protein kinase catalytic subunits (DNA-PKcs), and it is involved in photoreceptor cell maintenance. Mutations in this gene cause deafness, autosomal recessive, 48 (DFNB48), and also

Usher syndrome 1J (USH1J). Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human CIB2

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

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

glycerol

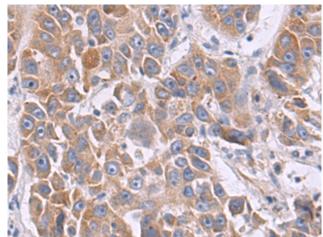
Research Areas: Signal Transduction

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

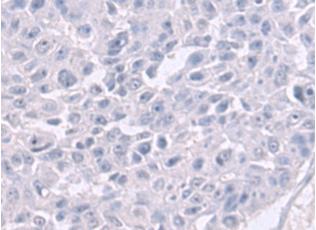


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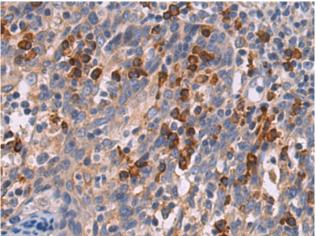
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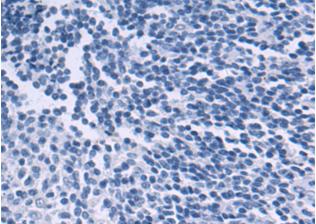
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 222369(CIB2 Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 222369(Anti-CIB2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human tonsil tissue using 222369(Anti-CIB2 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D264484(Anti-CIB2 Antibody) at dilution 1/50.