

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CYTH3 RABBIT PAB

Cat.#: S212286

Product Name: Anti-CYTH3 Rabbit Polyclonal Antibody

Synonyms: GRP1; ARNO3; PSCD3; cytohesin-3

UNIPROT ID: 043739 (Gene Accession - BC008191)

Background: This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiledcoil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guaninenucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADPribosylation factor protein 6 (ARF) functions, in addition to acting on ARFI.

Immunogen: Fusion protein of human CYTH3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

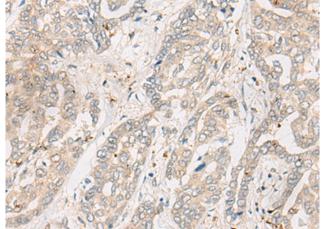
Purification: Antigen affinity purification

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



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 212286(CYTH3 Antibody) at a dilution of 1/30(Cytoplasm and Cell membrane).

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 212286(Anti-CYTH3 Antibody) at dilution 1/30.



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