

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ARF1 RABBIT PAB

Cat.#: S213356

Product Name: Anti-ARF1 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: P84077 (Gene Accession - NP_001649)

Background: ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

Immunogen: Synthetic peptide of human ARFI

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 1000-5000

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

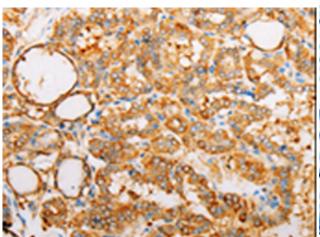
Research Areas: Signal Transduction

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

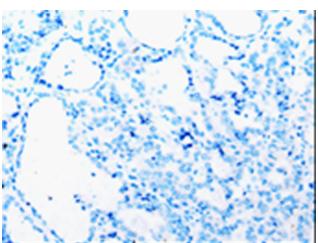


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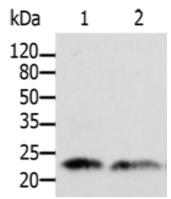
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Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 213356(ARF1 Antibody) at a dilution of 1/25(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 213356(Anti-ARF1 Antibody) at dilution 1/25.



Gel: 12%SDS-PAGE, Lysate: 40 µg;

Lane 1-2: Human fetal brain tissue, Human

kidney tissue;

Primary antibody: 213356(ARF1 Antibody) at

dilution 1/500;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute