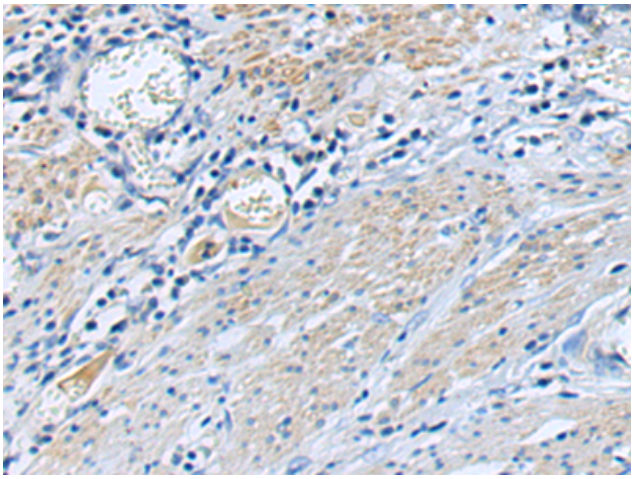
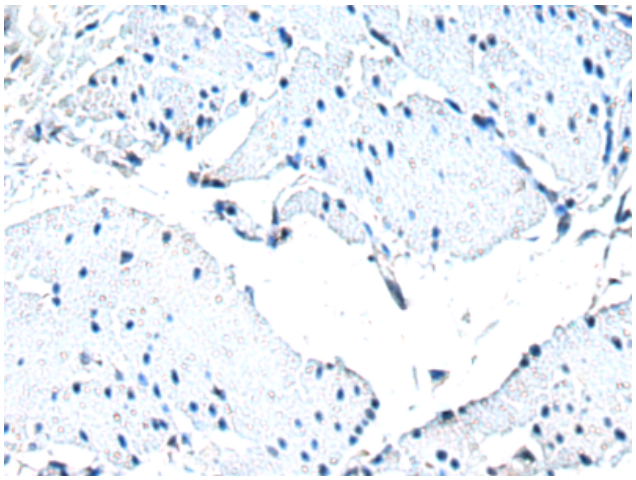
ARHGDIB RABBIT PAB

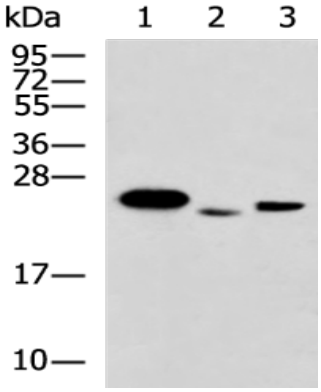
Cat.#: S221397
Product Name: Anti-ARHGDIB Rabbit Polyclonal Antibody
Synonyms: D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2
UNIPROT ID: P52566 (Gene Accession - NP_001166)
Background: Members of the Rho (or ARH) protein family and other Ras-related small GTP-binding proteins are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, and secretion. The GTP-binding proteins are active only in the GTP-bound state. At least 3 classes of proteins tightly regulate cycling between the GTP-bound and GDP-bound states: GTPase-activating proteins (GAPs), guanine nucleotide-releasing factors (GRFs), and GDP-dissociation inhibitors (GDIs). The GDIs, including ARHGDIB, decrease the rate of GDP dissociation from Ras-like GTPases.
Immunogen: Synthetic peptide of human ARHGDIB
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-100;WB: 500-2000;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 esophagus cancer tissue using 221397(ARHGDIB Antibody) at a dilution of 1/70(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221397(Anti-ARHGDIB Antibody) at dilution 1/70.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane 1-3: Mouse spleen tissue, Rat spleen tissue, Mouse lung tissue lysates;
Primary antibody: 221397(ARHGDIB Antibody) at dilution 1/400;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 5 seconds