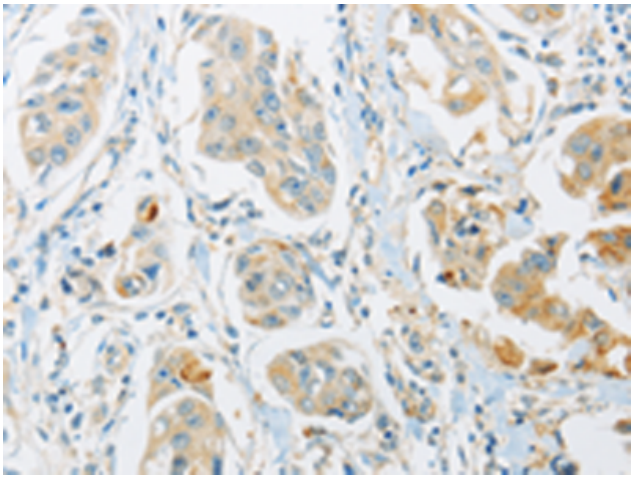
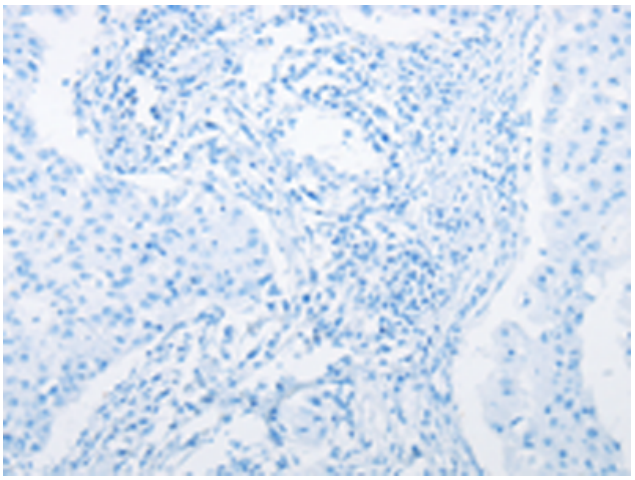
ARHGEF10 RABBIT PAB

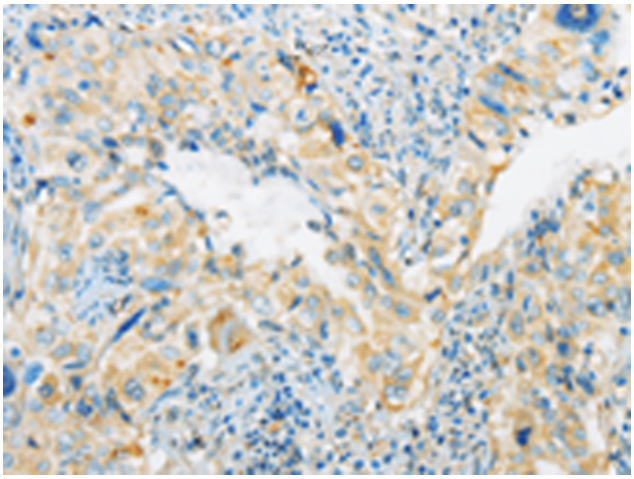
Cat.#: S210811
Product Name: Anti-ARHGEF10 Rabbit Polyclonal Antibody
Synonyms: GEF10
UNIPROT ID: O15013 (Gene Accession - BC036809)
Background: Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals. ARHGEF10 (rho guanine nucleotide exchange factor 10), also known as GEF10 or KIAA0294, is a 1,369 amino acid protein that contains one DBL-homology domain and is thought to play a role in myelination of peripheral nerves, specifically during development. ARHGEF10 is expressed as four alternatively spliced isoforms that are present at low levels in ovary, lung, testis and kidney, with considerably higher expression in the central and peripheral nervous systems.
Immunogen: Fusion protein of human ARHGEF10
Applications: ELISA, IHC
Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse
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



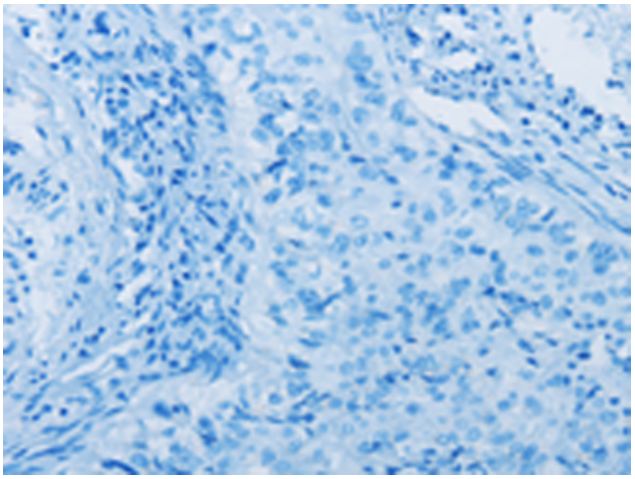
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 210811(ARHGEF10 Antibody) at a dilution of 1/45(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 210811(Anti-ARHGEF10 Antibody) at dilution 1/45.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 210811(Anti-ARHGEF10 Antibody) at a dilution of 1/45.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D121690(Anti-ARHGEF10 Antibody) at dilution 1/45.