

PTPN12 RABBIT PAB

Cat.#: S214603

Product Name: Anti-PTPN12 Rabbit Polyclonal Antibody

Synonyms: PTPG1; PTP-PEST

UNIPROT ID: Q05209 (Gene Accession - NP_001124480)

Background: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains a C-terminal PEST motif, which serves as a protein-protein interaction domain, and may regulate protein intracellular half-life. This PTP was found to bind and dephosphorylate the product of the oncogene c-ABL and thus may play a role in oncogenesis.

Immunogen: Synthetic peptide of human PTPN12

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

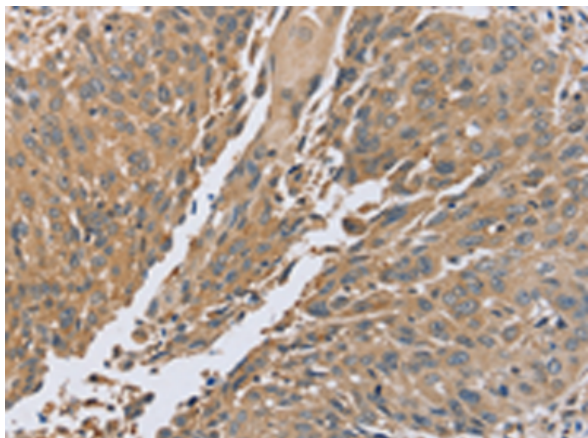
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

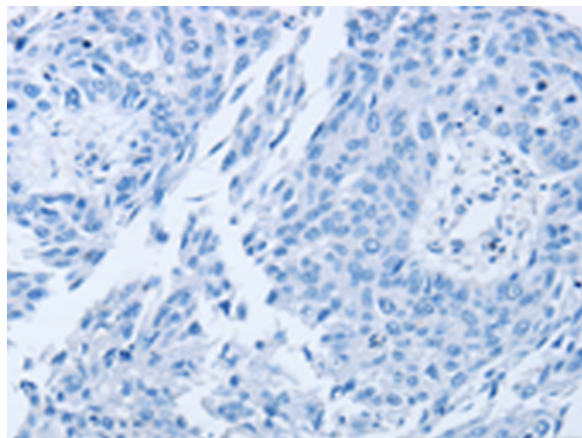
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

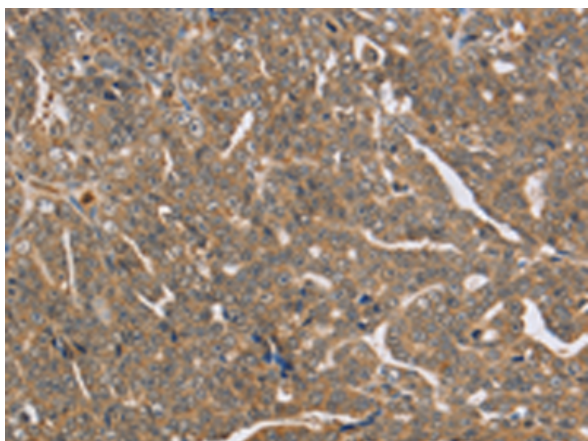
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



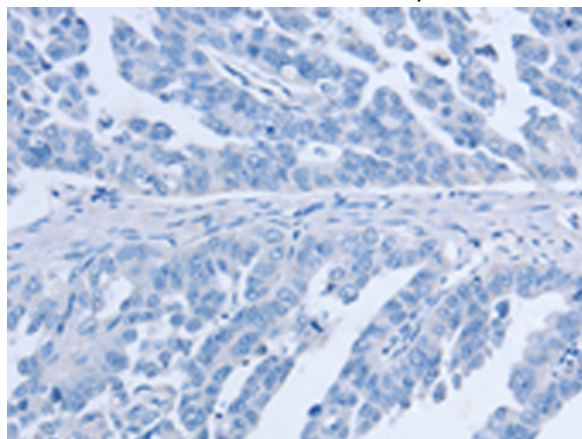
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 214603(PTPN12 Antibody) at a dilution of 1/45(Cytoplasm).



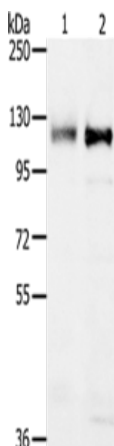
In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 214603(Anti-PTPN12 Antibody) at dilution 1/45.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 214603(Anti-PTPN12 Antibody) at a dilution of 1/45.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D162089(Anti-PTPN12 Antibody) at dilution 1/45.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: 231 cells, K562 cells;
Primary antibody: 214603(PTPN12 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 10 minutes



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
