

KRT6A RABBIT PAB

Cat.#: S216339

Product Name: Anti-KRT6A Rabbit Polyclonal Antibody

Synonyms: K6A; K6C; K6D; PC3; CK6A; CK6C; CK6D; CK-6C; CK-6E; KRT6C; KRT6D

UNIPROT ID: P02538 (Gene Accession - BC008807)

Background: The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. In addition, peptides from the C-terminal region of the protein have antimicrobial activity against bacterial pathogens. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

Immunogen: Fusion protein of human KRT6A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

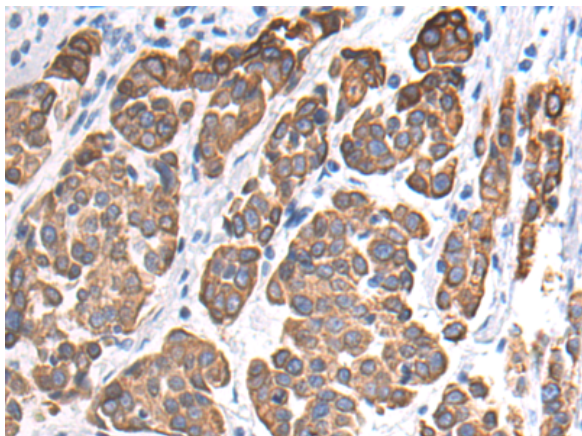
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

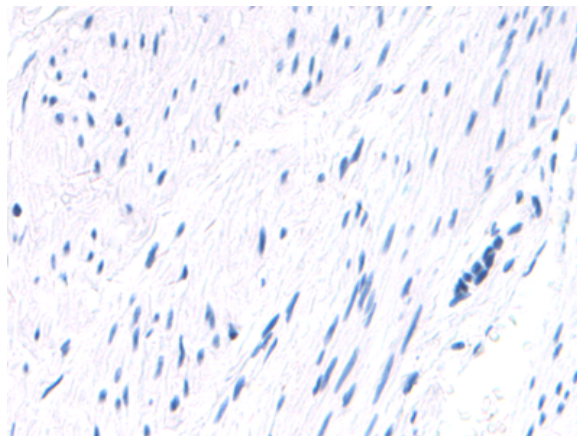
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Immunology

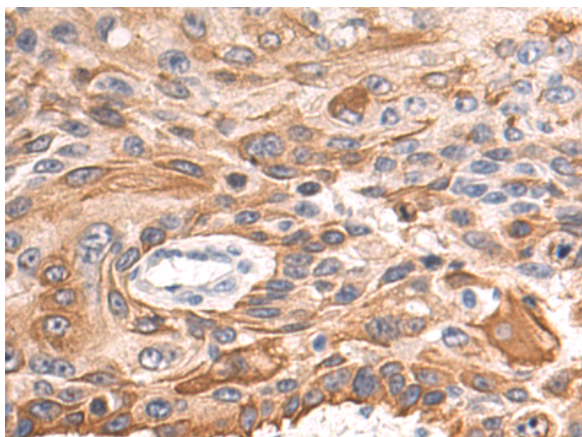
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



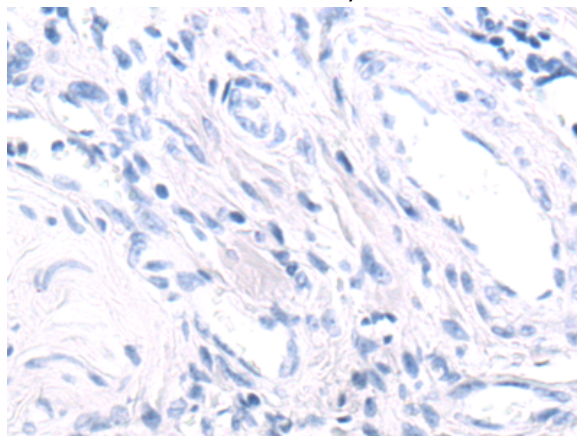
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 216339(KRT6A Antibody) at a dilution of 1/135(Cytoplasm and Cell membrane).



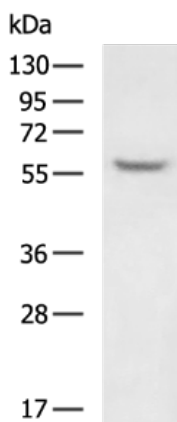
In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 216339(Anti-KRT6A Antibody) at dilution 1/135.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 216339(Anti-KRT6A Antibody) at a dilution of 1/135.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D220238(Anti-KRT6A Antibody) at dilution 1/135.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: KB cell lysate;
Primary antibody: 216339(KRT6A Antibody) at dilution 1/1350;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 3 seconds

