

PLAU RABBIT PAB

Cat.#: S216734

Product Name: Anti-PLAU Rabbit Polyclonal Antibody

Synonyms: ATF; QPD; UPA; URK; u-PA; BDPLT5

UNIPROT ID: P00749 (Gene Accession - BC013575)

Background: This gene encodes a secreted serine protease that converts plasminogen to plasmin. The encoded preproprotein is proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically inactive high molecular weight urokinase-type plasminogen activator (HMW-uPA). HMW-uPA can be further processed into the catalytically active low molecular weight urokinase-type plasminogen activator (LMW-uPA). This low molecular weight form does not bind to the urokinase-type plasminogen activator receptor. Mutations in this gene may be associated with Quebec platelet disorder and late-onset Alzheimer's disease. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Immunogen: Fusion protein of human PLAU

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

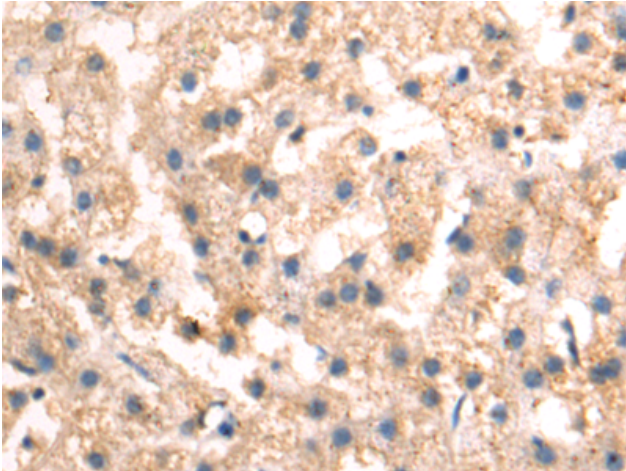
Purification: Antigen affinity purification

Species Reactivity: Human

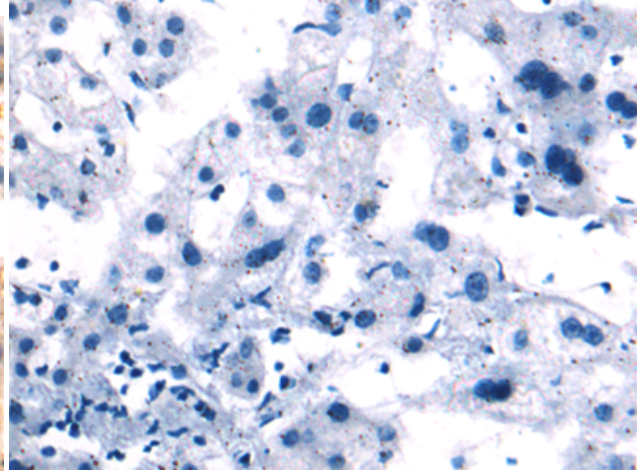
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cardiovascular, Metabolism, Neuroscience

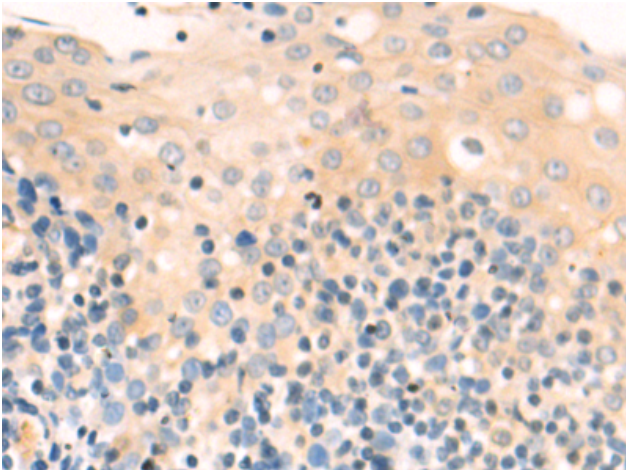
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



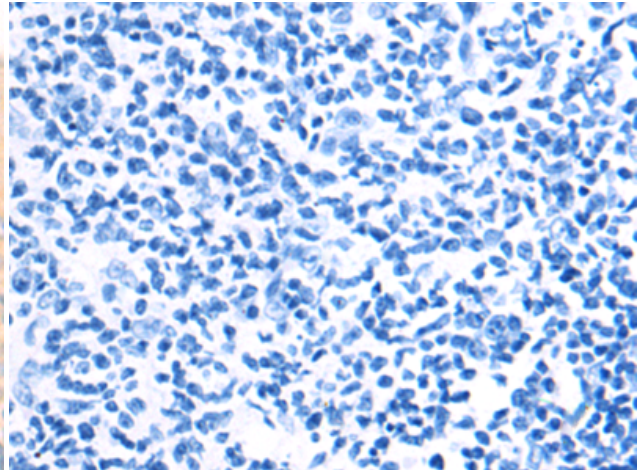
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216734(PLAU Antibody) at a dilution of 1/70(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 216734(Anti-PLAU Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 216734(Anti-PLAU Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D221139(Anti-PLAU Antibody) at dilution 1/70.