

GANAB RABBIT PAB

Cat.#: S221307

Product Name: Anti-GANAB Rabbit Polyclonal Antibody

Synonyms: G2AN; GIIA; PKD3; GLUII

UNIPROT ID: Q14697 (Gene Accession - NP_938148)

Background: This gene encodes the alpha subunit of glucosidase II and a member of the glycosyl hydrolase 31 family of proteins. The heterodimeric enzyme glucosidase II plays a role in protein folding and quality control by cleaving glucose residues from immature glycoproteins in the endoplasmic reticulum. Expression of the encoded protein is elevated in lung tumor tissue and in response to UV irradiation. Mutations in this gene cause autosomal-dominant polycystic kidney and liver disease.

Immunogen: Synthetic peptide of human GANAB

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

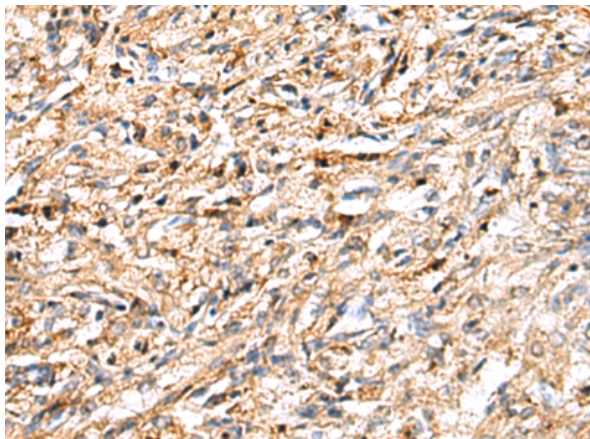
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

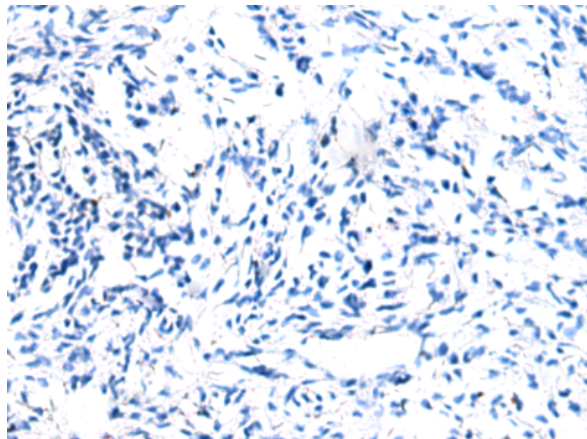
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

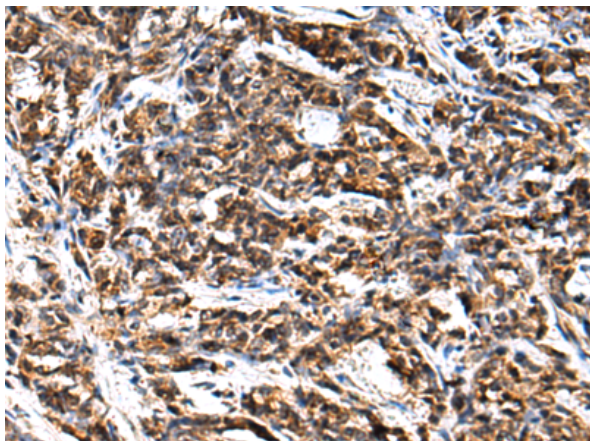
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



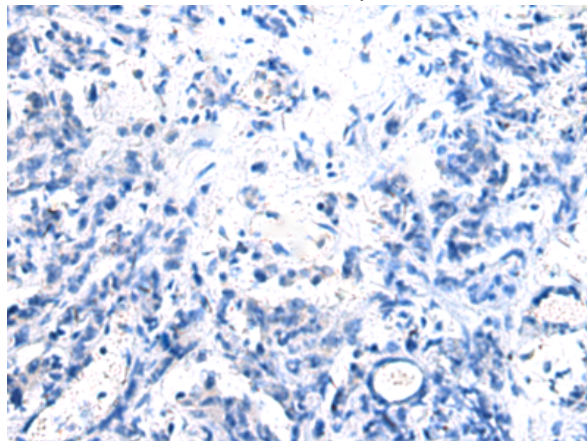
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 221307(GANAB Antibody) at a dilution of 1/25(Cytoplasm).



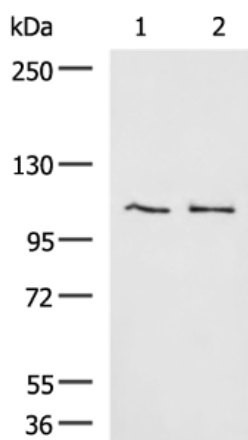
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 221307(Anti-GANAB Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 221307(Anti-GANAB Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with synthetic peptide and then with D262838(Anti-GANAB Antibody) at dilution 1/25.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
 Lane 1-2: LOVO and 293T cell lysates;
 Primary antibody: 221307(GANAB Antibody) at dilution 1/650;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 3 minutes



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
