

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **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

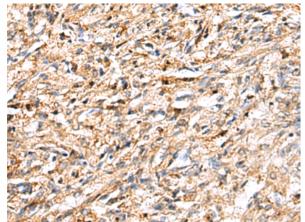
Research Areas: Metabolism

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

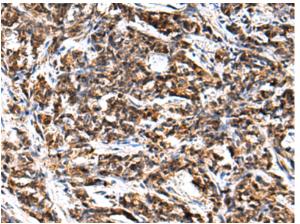


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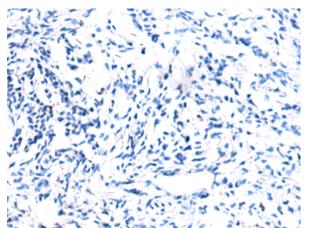
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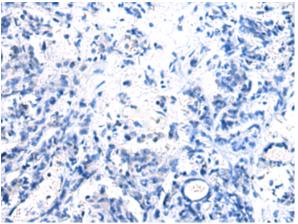
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 221307(GANAB Antibody) at a dilution of 1/25(Cytoplasm).



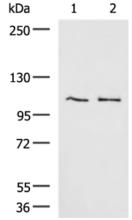
The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 221307(Anti-GANAB Antibody) at a dilution of 1/25.



In comparision 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.



In comparision 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



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