PDPN RABBIT PAB

Cat.#: S221135

Product Name: Anti-PDPN Rabbit Polyclonal Antibody

Synonyms: T1A; GP36; GP40; Gp38; OTS8; T1A2; TIIA; T1A-2; AGGRUS; HT1A-1; PA2.26

UNIPROT ID: Q86YL7 (Gene Accession - NP_006465)

Background: This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

Immunogen: Synthetic peptide of human PDPN

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: Oct-50;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

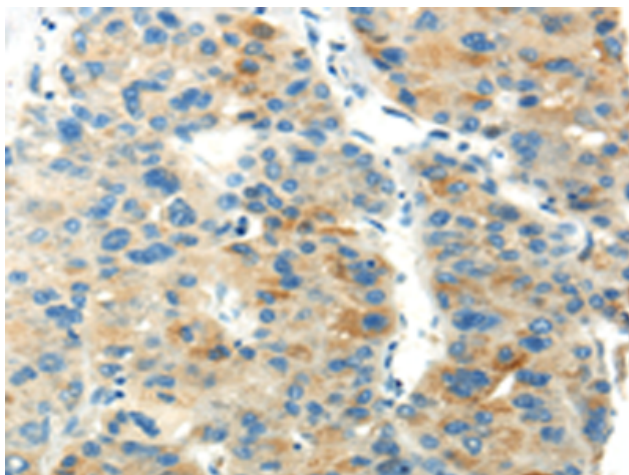**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification
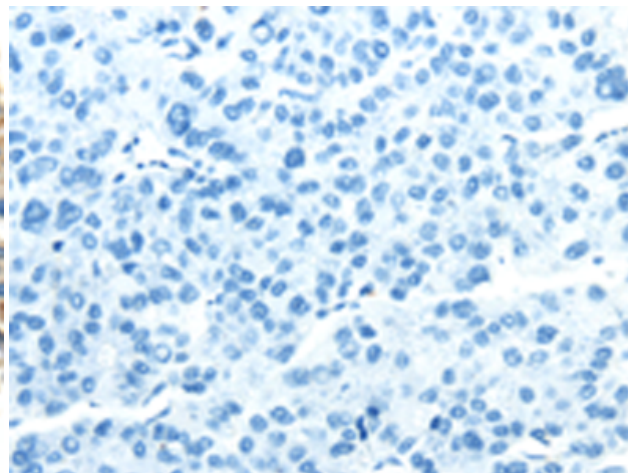
Species Reactivity: Human

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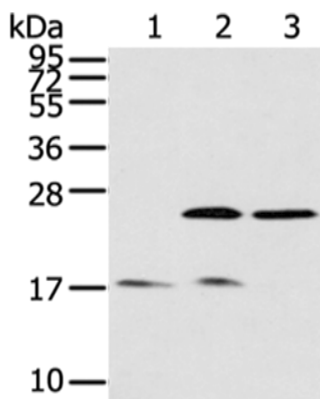
Research Areas: Cardiovascular

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

Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221135(PDPN Antibody) at a dilution of 1/20(Cell membrane).

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221135(Anti-PDPN Antibody) at dilution 1/20.

Gel: 12%SDS-PAGE, Lysate: 40 μg;
Lane 1-3: Human fetal brain tissue, Hela cells, 293T cells;
Primary antibody: 221135(PDPN Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 minutes