

NPHP1 RABBIT PAB

Cat.#: S219190

Product Name: Anti-NPHP1 Rabbit Polyclonal Antibody

Synonyms: NPH1; JBTS4; SLSN1

UNIPROT ID: O15259 (Gene Accession - BC009789)

Background: This gene encodes a protein with src homology domain 3 (SH3) patterns. This protein interacts with Crk-associated substrate, and it appears to function in the control of cell division, as well as in cell-cell and cell-matrix adhesion signaling, likely as part of a multifunctional complex localized in actin- and microtubule-based structures. Mutations in this gene cause familial juvenile nephronophthisis type 1, a kidney disorder involving both tubules and glomeruli. Defects in this gene are also associated with Senior-Loken syndrome type 1, also referred to as juvenile nephronophthisis with Leber amaurosis, which is characterized by kidney and eye disease, and with Joubert syndrome type 4, which is characterized by cerebellar ataxia, oculomotor apraxia, psychomotor delay and neonatal breathing abnormalities, sometimes including retinal dystrophy and renal disease. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human NPHP1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

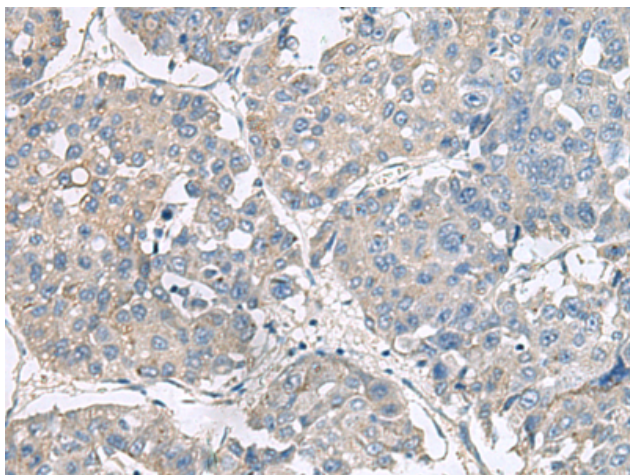
Purification: Antigen affinity purification

Species Reactivity: Human

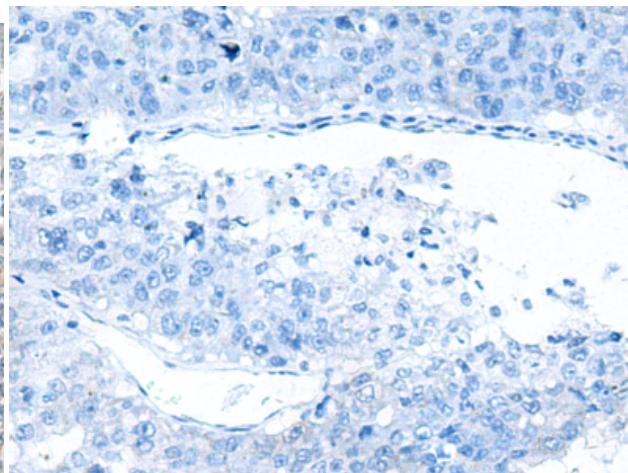
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cell Biology

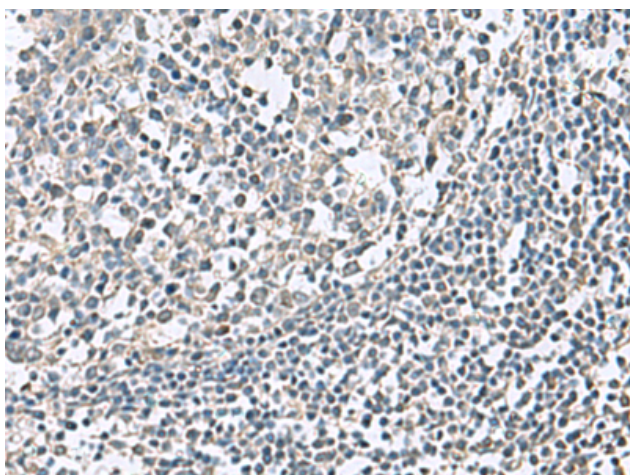
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



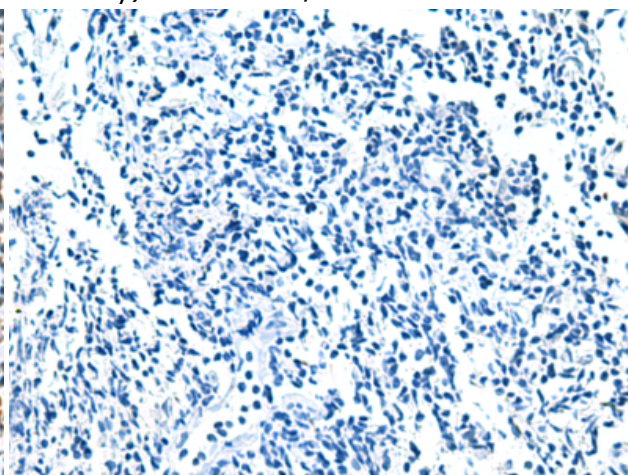
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219190(NPHP1 Antibody) at a dilution of 1/75(Cytoplasm).



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 219190(Anti-NPHP1 Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 219190(Anti-NPHP1 Antibody) at a dilution of 1/75.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D226025(Anti-NPHP1 Antibody) at dilution 1/75.