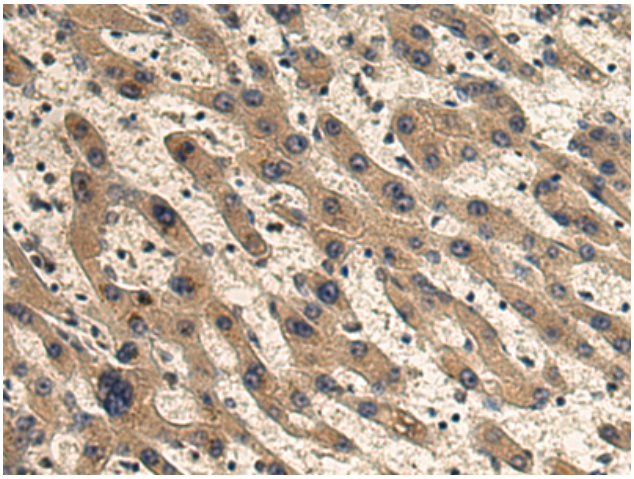
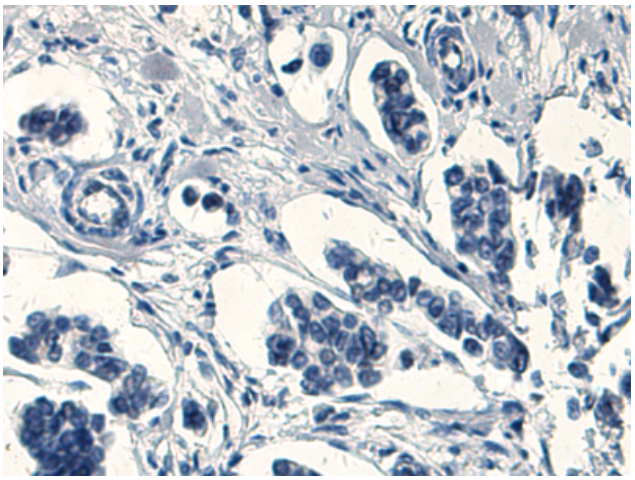
PSTPIP1 RABBIT PAB

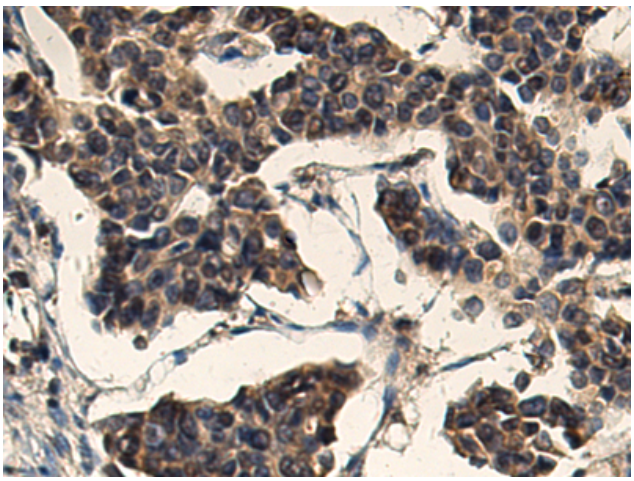
Cat.#: S219386
Product Name: Anti-PSTPIP1 Rabbit Polyclonal Antibody
Synonyms: H-PIP; PAPAS; CD2BP1; PSTPIP; CD2BP1L; CD2BP1S
UNIPROT ID: O43586 (Gene Accession - BC008602)
Background: This gene encodes a cytoskeletal protein that is highly expressed in hemopoietic tissues. This protein functions via its interaction with several different proteins involved in cytoskeletal organization and inflammatory processes. It binds to the cytoplasmic tail of CD2, an effector of T cell activation and adhesion, downregulating CD2-triggered adhesion. It binds PEST-type protein tyrosine phosphatases (PTP) and directs them to c-Abl kinase to mediate c-Abl dephosphorylation, thereby, regulating c-Abl activity. It also interacts with pyrin, which is found in association with the cytoskeleton in myeloid/monocytic cells and modulates immunoregulatory functions. Mutations in this gene are associated with PAPA (pyogenic sterile arthritis, pyoderma gangrenosum, and acne) syndrome. It is hypothesized that the disease-causing mutations compromise physiologic signaling necessary for the maintenance of a proper inflammatory response.
Immunogen: Fusion protein of human PSTPIP1
Applications: ELISA, IHC
Recommended Dilutions: IHC: 150-300; 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: Signal Transduction
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



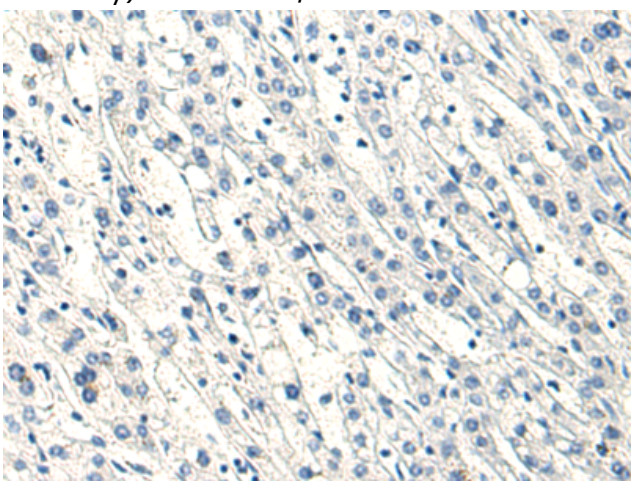
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219386(PSTPIP1 Antibody) at a dilution of 1/120(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219386(Anti-PSTPIP1 Antibody) at dilution 1/120.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 219386(Anti-PSTPIP1 Antibody) at a dilution of 1/120.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D226615(Anti-PSTPIP1 Antibody) at dilution 1/120.