



PTPN11 Polyclonal Antibody

E92793**Catalog Number:** E92793**Amount:** 100ul

Background: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia. Two transcript variants encoding different isoforms have been found for this gene.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: CFC;NS1;SHP2;BPTP3;PTP2C;PTP-1D;SH-PTP2;SH-PTP;

Immunogen: Fusion protein of human PTPN11

Purification: Affinity purification

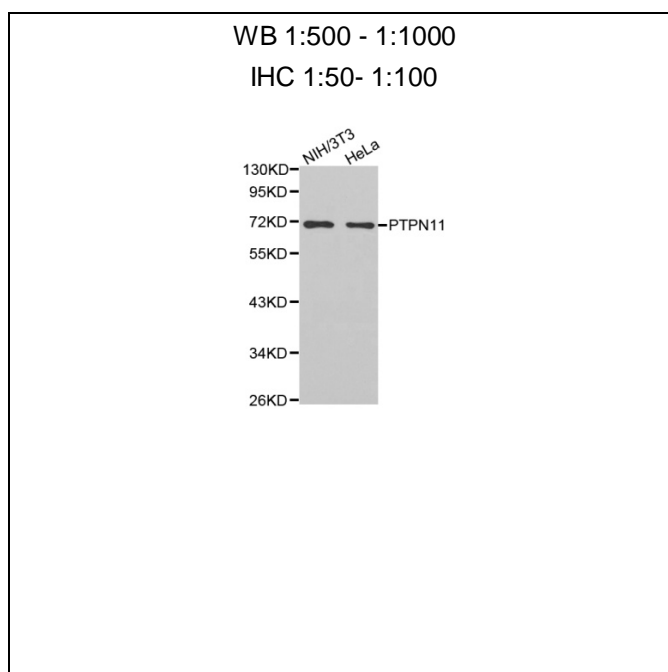
Reactivity: H M R

Applications: WBIHC

Molecular Weight: 68kDa

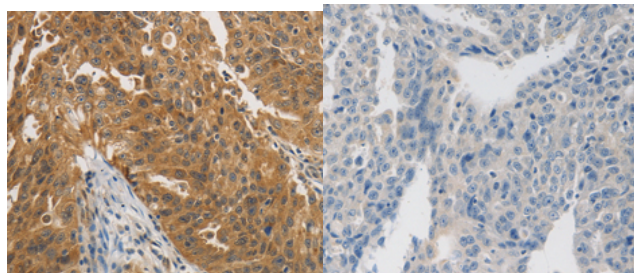
Swiss-Prot No. : Q06124

Gene ID: 5781



For Research Use Only

Western blot analysis of extracts of various cell lines, using PTPN11 antibody.



Immunohistochemistry of paraffin-embedded human ovarian cancer tissue using PTPN11 antibody.