PTPN13 Polyclonal Antibody

Catalog No. E-AB-13236

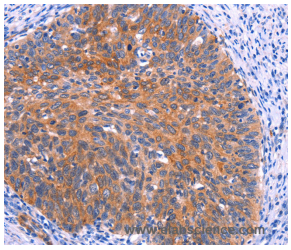
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

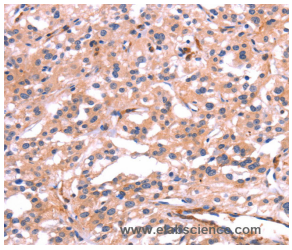
Reactivity	Human
Immunogen	Synthetic peptide of human PTPN13
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:25-1:100

Data



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PTPN13 Polyclonal Antibody at dilution 1:30



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PTPN13 Polyclonal Antibody at dilution 1:30

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP is a large intracellular protein. It has a catalytic PTP domain at its C-terminus and two major structural domains: a region with five PDZ domains and a FERM domain that binds to plasma membrane and cytoskeletal elements. This PTP was found to interact with, and dephosphorylate, Fas receptor and IkappaBalpha through the PDZ domains. This suggests it has a role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein, and thus may function as a regulator of Rho signaling pathways. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.

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