

## Product datasheet for **TA369291S**

### PTPN7 Rabbit Polyclonal Antibody

#### Product data:

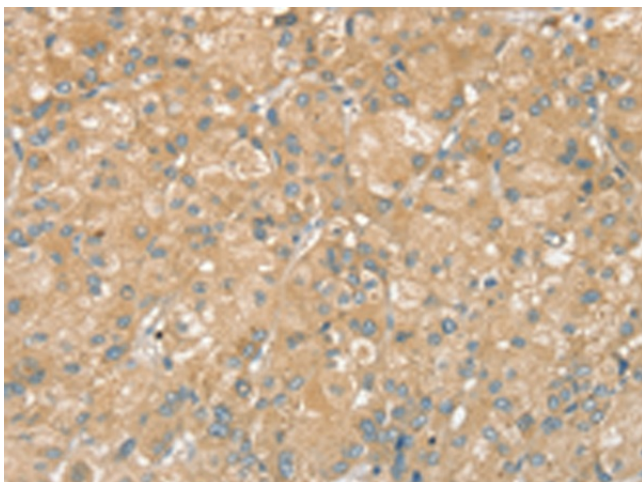
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 20-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PTPN7
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	protein tyrosine phosphatase, non-receptor type 7
Database Link:	<a href="#">Entrez Gene 5778 Human P35236</a>

**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 gene is preferentially expressed in a variety of hematopoietic cells, and is an early response gene in lymphokine stimulated cells. The non-catalytic N-terminus of this PTP can interact with MAP kinases and suppress the MAP kinase activities.

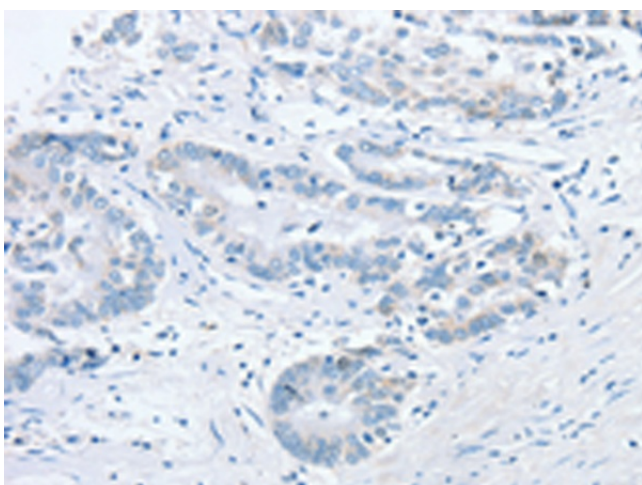
**Synonyms:** BPTP-4; HEPTP; LC-PTP; LPTP; PTPNI



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**Product images:**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA369291] (PTPN7 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA369291] (PTPN7 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)