

PTPN12 Antibody

Catalog No: #37849

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Description

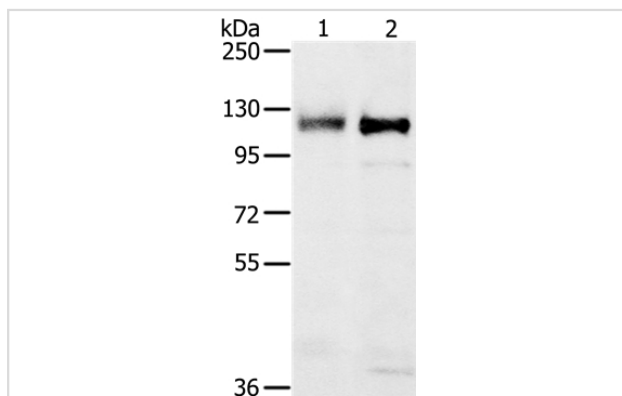
Product Name	PTPN12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PTPN12 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human protein tyrosine phosphatase, non-receptor type 12
Target Name	PTPN12
Other Names	PTPG1; PTP-PEST
Accession No.	Swiss-Prot#: Q05209NCBI Gene ID: 5782Gene Accssion: NP_001124480/Q05209
Uniprot	Q05209
GeneID	5782;
SDS-PAGE MW	88kd
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:100-1:300

Images



Gel: 6%SDS-PAGE

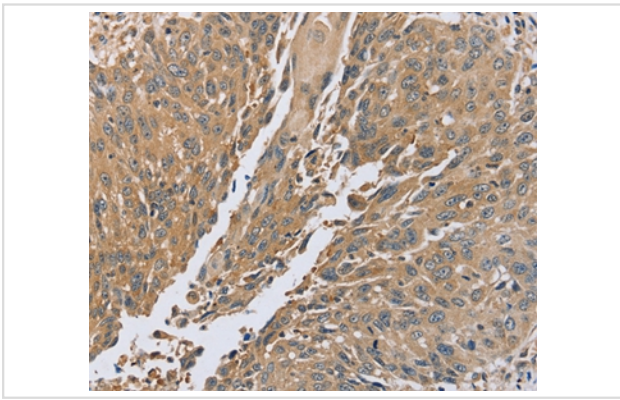
Lysates (from left to right): 231 and K562 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 minutes



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #37849 at dilution 1/45.

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 contains a C-terminal PEST motif, which serves as a protein-protein interaction domain, and may regulate protein intracellular half-life. This PTP was found to bind and dephosphorylate the product of the oncogene c-ABL and thus may play a role in oncogenesis.?

Note: This product is for in vitro research use only