

bs-19589R

[Primary Antibody]

PTPN12 Rabbit pAb

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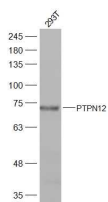
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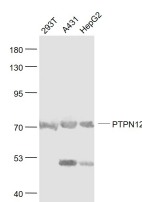
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse) Predicted MW.: 88 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 5782	SWISS: Q05209	
Target: PTPN12		
Immunogen: KLH conjugated synthetic peptide derived from human PTPN12: 1-100/780.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated 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 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. This PTP was also shown to interact with, and dephosphorylate, various products related to cytoskeletal structure and cell adhesion, such as p130 (Cas), CAKbeta/PTK2B, PSTPIP1, and paxillin. This suggests it has a regulatory role in controlling cell shape and mobility. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]		

— VALIDATION IMAGES —



Sample: 293T(Human) Cell Lysate at 30 ug
Primary: Anti-PTPN12 (bs-19589R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 88 kD
Observed band size: 74 kD



Sample: 293T(Human) Cell Lysate at 30 ug
A431(Human) Cell Lysate at 30 ug
HepG2(Human) Cell Lysate at 30 ug
Primary: Anti-PTPN12 (bs-19589R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 88 kD
Observed band size: 72 kD