

PTN12 Rabbit pAb

CatalogNo: YN1456

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 85kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity PTN12 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name PTPN12

Protein Name	Tyrosine-protein phosphatase non-receptor type 12 (PTP-PEST) (Protein-tyrosine phosphatase G1) (PTPG1)		
	Organism	Gene ID	UniProt ID
	Human	5782 ;	Q05209 ;
	Mouse		P35831 ;
Cellular Localization	Cytoplasm . Cell junction, focal adhesion . Cell projection, podosome . Partial translocation to focal adhesion sites may be mediated by interaction with SORBS2. .		
Tissue specificity	Brain,Cerebellum,Colon,Colorectal carcinoma,Epithel		
Function	Catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,Disease:Defects in PTPN12 are found in some colon cancers.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class 4 subfamily.,similarity:Contains 1 tyrosine-protein phosphatase domain.,subunit:Interacts with TGFB1I1 (By similarity). Interacts with PSTPIP1.,		

| Validation Data

| Contact information

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