# antibodies - online.com







## anti-PTPN12 antibody (AA 539-714)

**Images** 



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Quantity:	100 μg
Target:	PTPN12
Binding Specificity:	AA 539-714
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Recombinant Human Tyrosine-protein phosphatase non-receptor type 12 protein (539-714AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

### Target Details

Target:	PTPN12
Alternative Name:	PTPN12 (PTPN12 Products)
Background:	Background: Dephosphorylates a range of proteins, and thereby regulates cellular signaling
	cascades (PubMed:18559503). Dephosphorylates cellular tyrosine kinases, such as ERBB2 and

#### **Target Details**

PTK2B/PYK2, and thereby regulates signaling via ERBB2 and PTK2B/PYK2 (PubMed:17329398, PubMed:27134172). Selectively dephosphorylates ERBB2 phosphorylated at \\\'Tyr-1112\\\', \\\'Tyr-1196\\\', and/or \\\'Tyr-1248\\\' (PubMed:27134172).

Aliases: Protein tyrosine phosphatase G1 antibody, Protein tyrosine phosphatase non receptor type 12 antibody, Protein-tyrosine phosphatase G1 antibody, PTN12\_HUMAN antibody, PTP PEST antibody, PTP-PEST antibody, PTPG1 antibody, Ptpn12 antibody, Tyrosine protein phosphatase non receptor type 12 antibody, Tyrosine-protein phosphatase non-receptor type 12 antibody

UniProt:

Q05209

#### **Application Details**

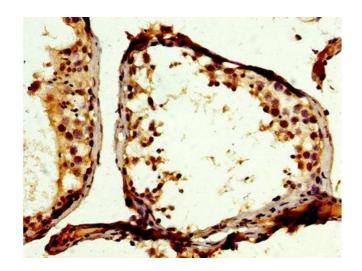
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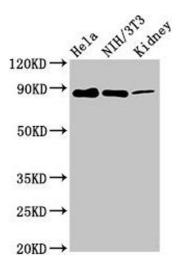
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





#### **Immunohistochemistry**

Image 1. IHC image of ABIN7174089 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### **Western Blotting**

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate, NIH/3T3 whole cell lysate, Rat kidney tissue All lanes: PTPN12 antibody at 7.4 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 89, 73, 75 kDa Observed band size: 89 kDa