

Datasheet for ABIN2856182
anti-PTPN14 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PTPN14
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Pez. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Pez (protein tyrosine phosphatase, non-receptor type 14) Pez antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PTPN14
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Target Details

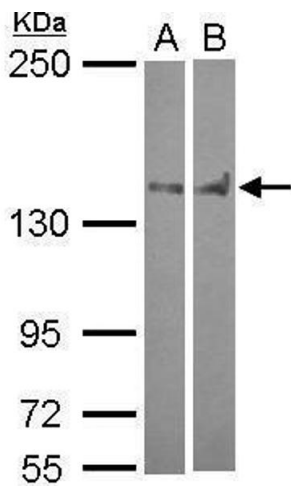
Alternative Name:	protein tyrosine phosphatase non-receptor type 14 (PTPN14 Products)
Background:	<p>The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal noncatalytic domain similar to that of band 4.1 superfamily cytoskeleton-associated proteins, which suggested the membrane or cytoskeleton localization of this protein. The specific function of this PTP has not yet been determined.</p> <p>Cellular Localization: Cytoplasm , cytoskeleton</p>
Molecular Weight:	135 kDa
Gene ID:	5784
UniProt:	Q15678

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Restrictions:	For Research Use only

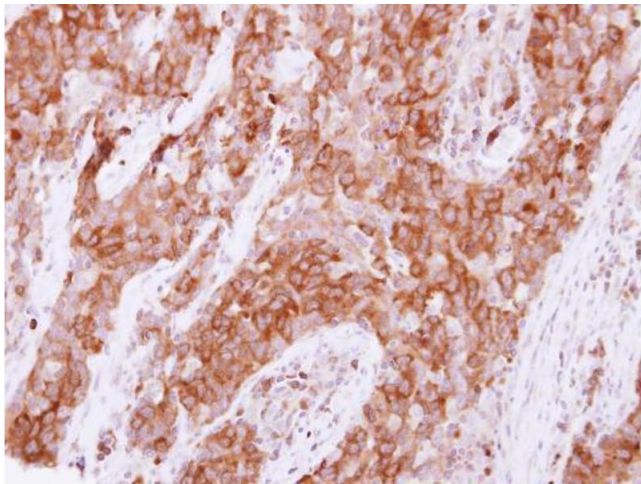
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: A549 B: HCT116 5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human lung papillary adenocarcinoma, using Pez, antibody at 1:500 dilution.