

Datasheet for ABIN2786811  
**anti-PTPN14 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PTPN14
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN14 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of mouse PTPN14
Sequence:	HVQCSEHYSE THTSQDSIFP GNEEALYCRS HNSLDLNYLN GTVTNGSVCS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Ptpn14. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PTPN14
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## Target Details

Alternative Name:	Ptpn14 ( <a href="#">PTPN14 Products</a> )
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. It appears to regulate lymphatic development in mammals, and a loss of function mutation has been found in a kindred with a lymphedema-choanal atresia.</p> <p>Alias Symbols: PEZ, PTP36</p> <p>Protein Size: 472</p>
Molecular Weight:	51 kDa
Gene ID:	5784
NCBI Accession:	<a href="#">NM_005401</a> , <a href="#">NP_005392</a>
UniProt:	<a href="#">Q15678</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

