

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

1 Image



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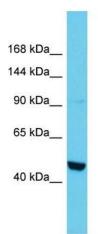
Overview	
Quantity:	100 μL
Target:	PTPN14
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN14 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is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

Target Details

Alternative Name:	Ptpn14 (PTPN14 Products)
Background:	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.
	Alias Symbols: PEZ, PTP36
	Protein Size: 472
Molecular Weight:	51 kDa
Gene ID:	5784
NCBI Accession:	NM_005401, NP_005392
UniProt:	Q15678
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.

Images



Host: Rabbit

Target Name: Ptpn14

Sample Tissue: Mouse Testis Lysate

Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: PTPN14 Sample

Tissue: Mouse Testis Antibody Dilution: 1ug/ml