

## PTPN14 (D5T6Y) Rabbit mAb



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## For Research Use Only. Not for Use in Diagnostic Procedures.

Reactivity: H M R	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 160	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #Q15678	Entrez-Gene Id: 5784	
	<b>Application</b> Western Blotting			<b>Dilution</b> 1:1000		
					ol and less than	
sitivity	PTPN14 (D5T6Y) Rabb	「6Y) Rabbit mAb recognizes endogenous levels of total PTPN14 protein.				
ation	,	onoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to sidues surrounding Leu737 of human PTPN14 protein.				
	evolutionarily conserved proteins (1-3). The PTI domain, which suggestyrosine phosphatase multiple, diverse signadhesion, and develop cell density-dependen <i>Drosophila</i> PTPN14 hothrough dephosphory transition through eff tyrosine kinase involvassociated with colores	red non-membrane PN14 protein contains plasma membra (PTP) domain (4). Raling pathways, including pathways, including pathways, including pathways, including Pez localized viation of β-cateninets on the TGF-β sed in lymphangiogetal cancer (8), and	tyrosine phosphatase wins an amino-terminal Flane localization of the presearch studies have ideluding cell growth and plane phosphatase regulates g a role for PTPN14 in this to adherens junctions, (3). PTPN14 may play a rignaling pathway (6), and enesis (7). Loss-of-function choanal atresia and lymins and and and atresia and lymins and and arresia and lymins are localized to the arresia and lymins are localized arresia.	with homology to the ERM (4.1-ezrin-radix otein, and a carbox entified possible rol roliferation, cell might the subcellular locate Hippo signaling particle in epithelial-med interacts with VEC on mutations in the phedema, an auto	e band 4.1 family of cin-moesin) y-terminal protein es for PTPN14 in gration and alization of YAP in a pathway (5). The late cell motility is enchymal EFR3, a receptor a PTPN14 gene are somal recessive	
ferences		95) <i>Biochem Bioph</i>	n Biophys Res Commun 209, 959-65. em 274, 20717-24. ol Cell 14, 2520-9. ci 113 ( Pt 17), 3117-23. ev 26, 1959-71. 178, 1223-35. Genet 87, 436-44. .M. (2011) Acta Biochim Pol 58, 467-70.			
	HMR	Application Western Blotting Supplied in 10 mM so 0.02% sodium azide. Sesitivity PTPN14 (D5T6Y) Rabbe Monoclonal antibody residues surrounding Tyrosine-protein phose evolutionarily conserve proteins (1-3). The PTI domain, which sugge tyrosine phosphatase multiple, diverse signadhesion, and develop cell density-depender Drosophila PTPN14 he through dephosphory transition through eff tyrosine kinase involvassociated with colored disorder characterized.	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5 0.02% sodium azide. Store at -20°C. Do not sitivity PTPN14 (D5T6Y) Rabbit mAb recognizes of the surrounding Leu737 of human For the surroundi	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg. 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.  Sitivity PTPN14 (D5T6Y) Rabbit mAb recognizes endogenous levels of tot residues surrounding Leu737 of human PTPN14 protein.  Tyrosine-protein phosphatase non-receptor type-14 (PTPN14, Perevolutionarily conserved non-membrane tyrosine phosphatase w proteins (1-3). The PTPN14 protein contains an amino-terminal Fl domain, which suggests plasma membrane localization of the president gradient and gradient	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycer 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.  PTPN14 (D5T6Y) Rabbit mAb recognizes endogenous levels of total PTPN14 protein.  Monoclonal antibody is produced by immunizing animals with a synthetic peptide co	

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer** 

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat

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