antibodies .- online.com







anti-PIN4 antibody (Middle Region)

Images



Publication



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Quantity: 100 μL Target: PIN4 Binding Specificity: Middle Region Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig, Zebrafish (Danio rerio) Host: Rabbit Clonality: Polyclonal Conjugate: This PIN4 antibody is un-conjugated Application: Western Blotting (WB)		
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Host: Rabbit Clonality: Polyclonal Conjugate: This PIN4 antibody is un-conjugated Application: Western Blotting (WB)	Binding Specificity:	Middle Region
Clonality: Polyclonal Conjugate: This PIN4 antibody is un-conjugated Application: Western Blotting (WB)	Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig, Zebrafish (Danio rerio)
Conjugate: This PIN4 antibody is un-conjugated Application: Western Blotting (WB)	Host:	Rabbit
Application: Western Blotting (WB)	Clonality:	Polyclonal
	Conjugate:	This PIN4 antibody is un-conjugated
Droduat Dataila	Application:	Western Blotting (WB)
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Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PIN4	
Sequence:	LGWMTRGSMV GPFQEAAFAL PVSGMDKPVF TDPPVKTKFG YHIIMVEGRK	
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%	
Characteristics:	This is a rabbit polyclonal antibody against PIN4. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target: PIN4

Target Details

Larget Details	
Alternative Name:	PIN4 (PIN4 Products)
Background:	This gene encodes a member of the parvulin subfamily of the peptidyl-prolyl cis/trans
	isomerase protein family. The encoded protein catalyzes the isomerization of peptidylprolyl
	bonds, and may play a role in the cell cycle, chromatin remodeling, and/or ri
	Alias Symbols: EPVH, MGC138486, PAR14, PAR17
	Protein Interaction Partner: ZBTB9, FAM9B, FATE1, CEP72, PNMA1, MAGEA11, UBC, SLIRP,
	SRPRB, UBE2S, DNAJC8, DDX42, TIMM44, SCO2, VDAC3, RRBP1, RPS19, RAD21, NDUFA7,
	NDUFA2, EGFR, ASCC2, DNM1, EZH2, SPTAN1, FBL, CSNK2A2, CSNK2A1,
	Protein Size: 156
Molecular Weight:	16 kDa
Gene ID:	5303
NCBI Accession:	NM_006223, NP_006214
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.

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Comment:	Antigen size: 156 AA
Restrictions:	For Research Use only

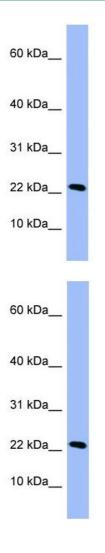
Handling

Format:	Liquid
Concentration:	Lot specific
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 repeated 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.

Product cited in:

Wen, Zhu, Zhang, Keum, Zykova, Yao, Peng, Zheng, Cho, Ma, Bode, Dong: "MST1 promotes apoptosis through phosphorylation of histone H2AX." in: **The Journal of biological chemistry**, Vol. 285, Issue 50, pp. 39108-16, (2010) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-PIN4 Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:312500

Positive Control: 721_B cell lysate

Western Blotting

Image 2. WB Suggested Anti-PIN4

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control:.21_B cell lysate

PIN4 is strongly supported by BioGPS gene expression data

to be expressed in Human 721_B cells