

Datasheet for ABIN2786842
anti-PIN4 antibody (Middle Region)[Go to Product page](#)

2 Images

1 Publication

Overview

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)

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
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Target Details

Alternative Name:	PIN4 (PIN4 Products)
Background:	<p>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</p> <p>Alias Symbols: EPVH, MGC138486, PAR14, PAR17</p> <p>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,</p> <p>Protein Size: 156</p>
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.
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.

Publications

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