



Datasheet for ABIN2786841
anti-PIN4 antibody (N-Term)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	PIN4
Binding Specificity:	N-Term
Reactivity:	Human, Rat
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 N terminal region of human PIN4
Sequence:	MPMAGLLKGL VRQLERFSVQ QQASKMPPKG KSGSGKAGKG GAASGSDSAD
Predicted Reactivity:	Human: 100%, Rat: 90%
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
Alternative Name:	PIN4 (PIN4 Products)

Target Details

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.

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: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-PIN4 Antibody Titration: 0.2-1 $\mu\text{g}/\text{ml}$

ELISA Titer: 1:12500

Positive Control: 293T cell lysate



Western Blotting

Image 2. WB Suggested Anti-PIN4

Antibody Titration: 0.2-1 $\mu\text{g}/\text{mL}$ ELISA Titer: 1:12500

Positive Control: 93T cell lysate

PIN4 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells