

Datasheet for ABIN2783306
anti-PFN1 antibody (N-Term)[Go to Product page](#)

6 Images

1 Publication

Overview

Quantity:	100 µL
Target:	PFN1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFN1 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 PFN1
Sequence:	AGWNAYIDNL MADGTCQDAA IVGYKDSPSV WAAVPGKTFV NITPAEVGVL
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against PFN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PFN1
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Target Details

Alternative Name:	PFN1 (PFN1 Products)
Background:	<p>PFN1 is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome. The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: UBC, FUS, STUB1, SUMO1, NEDD8, MDM2, ASB12, ASB2, ASB1, YWHAQ, SRPK1, ESR1, RAD52, RAD51, ACTB, VCAM1, ITGA4, FN1, ATF2, LIG4, SET, ACAA2, LOC440434, MRPL53, SRPRB, CAND1, CUL3, CDK2, ISG15, ELAVL1, AI837181, Akap12, Csnk1e, Mapk13, UCHL5, WIPF2, LRIF1, M</p> <p>Protein Size: 140</p>
Molecular Weight:	15 kDa
Gene ID:	5216
NCBI Accession:	NM_005022 , NP_005013
UniProt:	P07737
Pathways:	Regulation of Actin Filament Polymerization , Tube Formation , Maintenance of Protein Location

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 140 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.

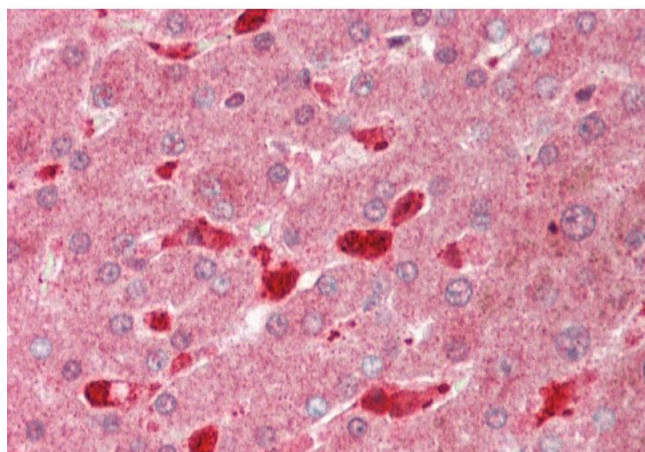
Handling

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

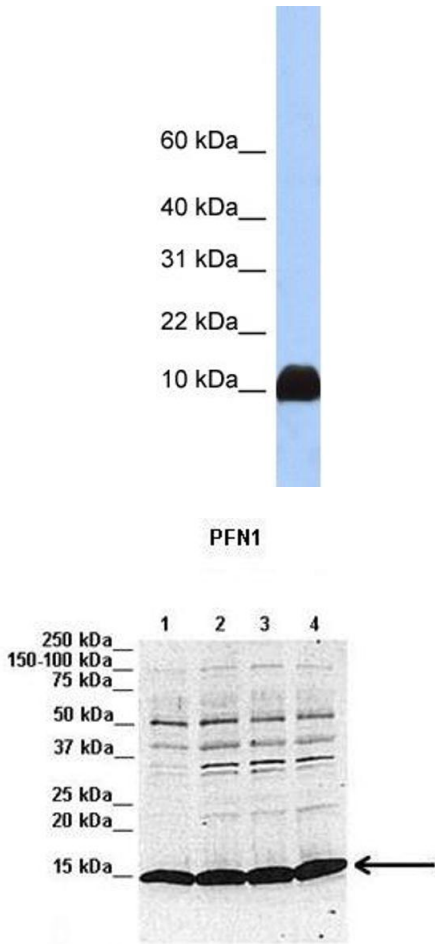
Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry.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



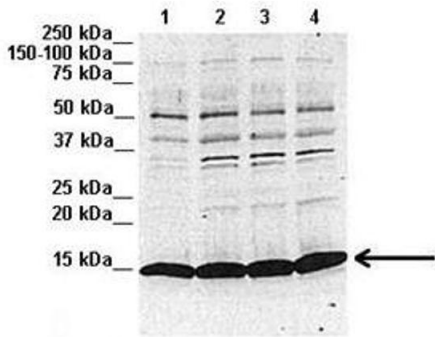
Immunohistochemistry

Image 1. Rabbit Anti-PFN1 antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



Western Blotting

Image 2. WB Suggested Anti-PFN1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver



Western Blotting

Image 3. Lanes: 1. 20 ug murine non-pregnant uteria tissue 2. 20 ug murine non-laboring uterine tissue 3. 20 ug murine laboring uterine tissue 4. 20 ug murine preterm laboring uterine tissue Primary Antibody Dilution: 1:2000 Secondary Antibody: Goat anti-rabbit-Alexa Fluor 680 Secondary Antibody Dilution: 1:25,000 Gene Name: PFN1 Submitted by: Anonymous

See Immunoblot 3 Data and Customer Feedback for more information

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2783306.