

Rabbit PFN1 Polyclonal Antibody | anti-PFN1 antibody

PFN1 antibody - N-terminal region

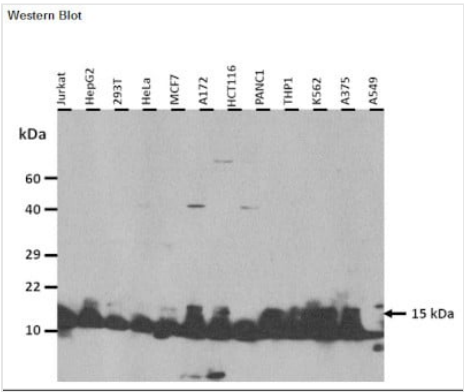
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23532	Rabbit	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Cow, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Western Blot

PRODUCT SYNONYMS

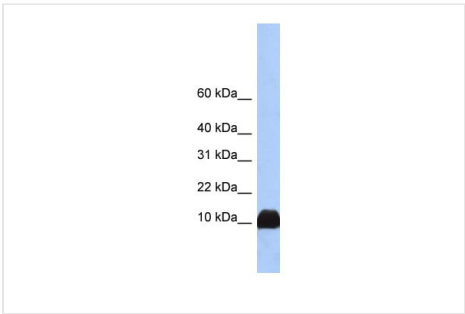
PFN1; Polyclonal Antibody; PFN1 antibody - N-terminal region; UBC; FUS; STUB1; SUMO1; NEDD8; MDM2; ASB12; ASB2; ASB1; YWHAQ; SRPK1; ESR1; RAD52; RAD51; ACTB; VCAM1; ITGA4; FN1; ATF2; LIG4; SET; ACAA2; LOC440434; MRPL53; SRPRB; CAND1; CUL3; CDK2; ISG15; ELAVL1; AI837181; Akap12; Csnk1e; Mapk13; UCHL5; WIPF2; LRIF1; M; anti-PFN1 antibody

PRODUCT SPECIFICATIONS

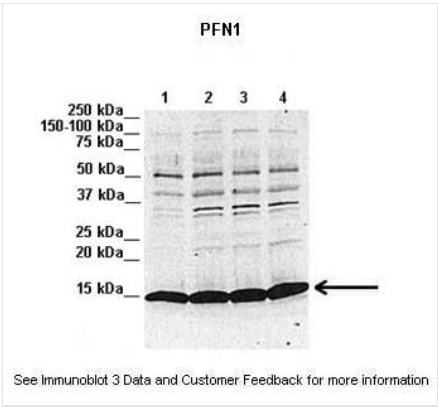
Host	Rabbit
Reactivity	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Cow, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg.mL (varies by lot)
Sequence	Synthetic peptide located within the following region: AG WNAYIDNLMA DGTCQDAAIV GYKDSPSVWA AVPGKTFVNI TPAEVGVL
Sequence Length	140
Applicable Applications for anti-PFN1 antibody	WB (Western Blot)
Predicted Homology	Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PFN1
Protein size (#AA)	140 amino acids
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



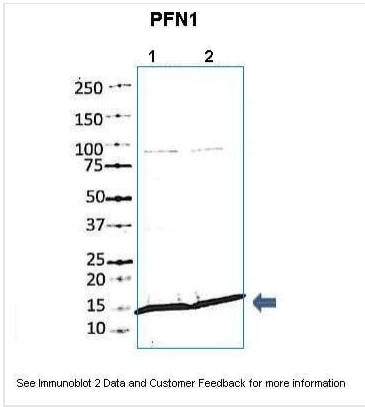
WB (Western Blot)
25 ug of the indicated Human whole cell extracts was loaded onto a 10-20% SDS-PAGE gel. 1 ug/mL of the antibody was used in this experiment. Canonical 15 kDa isoform is identified, and a second isoform of 18 kDa is also present in some samples.



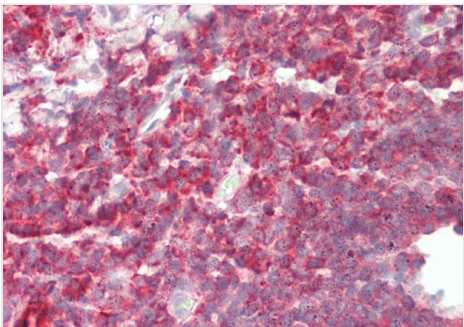
WB (Western Blot)
WB Suggested Anti-PFN1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver



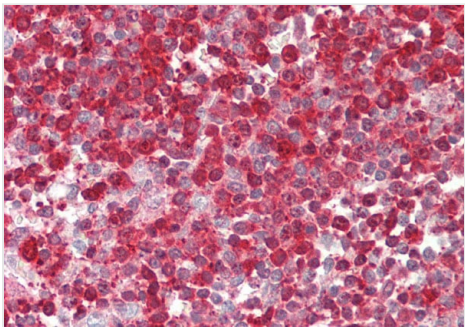
WB (Western Blot)
Lanes: 1. 20 ug murine non-pregnant uteria tissue 2. 20 ug murine non-laboring uterine tissue 3. 20 ug murine laboring uterine tissue 4. 20 ug murine preterm laboring uterine tissue Primary Antibody Dilution: 1:2000 Secondary Antibody: Goat anti-rabbit-Alexa Fluor 680 Secondary Antibody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



WB (Western Blot)
Lanes: 1. 20 ug human pregnant uterine muscle cells + hormone 2. 20 ug human pregnant uterine muscle cells - hormone 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



IHC (Immunohistochemistry)
Rabbit Anti-PFN1 antibody Formalin Fixed Paraffin Embedded Tissue: Human Tonsil Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)
Rabbit Anti-PFN1 antibody Formalin Fixed Paraffin Embedded Tissue: Human Spleen Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-PFN1 antibody

Description: 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.

Product Categories/Family for anti-PFN1 antibody

Polyclonal; Transcription Regulation; Drugs and Drug Metabolism; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826898
NCBI GeneID	5216
NCBI Accession #	NP_005013
NCBI GenBank Nucleotide #	NM_005022
UniProt Accession #	P07737
Molecular Weight	15kDa
NCBI Official Full Name	profilin-1
NCBI Official Synonym Full Names	profilin 1
NCBI Official Symbol	PFN1
NCBI Official Synonym Symbols	ALS18
NCBI Protein Information	profilin-1
UniProt Protein Name	Profilin-1
UniProt Gene Name	PFN1
UniProt Entry Name	PROF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pfn1-antibody-western-blot-elisa/23532>