

Rabbit anti-Human PFN1 Polyclonal Antibody | anti-PFN1 antibody

PFN1 Antibody (C-term)

CATALOG # AAA290558	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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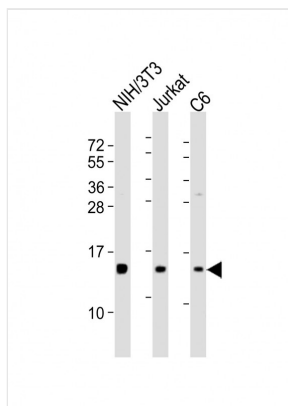
PRODUCT SYNONYMS

PFN1; Polyclonal Antibody; PFN1 Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); Profilin-1; Epididymis tissue protein Li 184a; Profilin I; anti-PFN1 antibody

PRODUCT SPECIFICATIONS

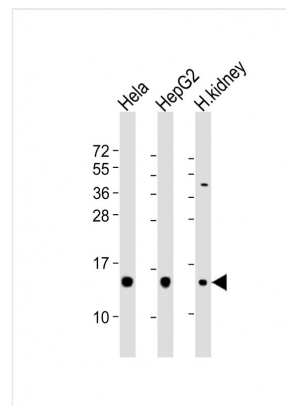
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This PFN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 87-120 amino acids from the C-terminal region of human PFN1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	140
Applicable Applications for anti-PFN1 antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-PFN1 Antibody (C-term) at 1:8000 dilution
Lane 1: NIH/3T3 whole cell lysates
Lane 2: Jurkat whole cell lysates
Lane 3: C6 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFD/TBST.



WB (Western Blot)

All lanes : Anti-PFN1 Antibody (C-term) at 1:2000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: HepG2 whole cell lysates
Lane 3: human kidney lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFD/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PFN1 antibody	Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG. Inhibits androgen receptor (AR) and HTT aggregation and binding of G-actin is essential for its inhibition of AR.
Product Categories/Family for anti-PFN1 antibody	Crown Antibodies; Cancer; Cell Biology; Neuroscience; Signal Transduction
References	Kwiatkowski D.J.,et al.J. Biol. Chem. 263:5910-5915(1988). Li J.,et al.Mol. Cell. Proteomics 9:2517-2528(2010). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826898
NCBI GeneID	5216
NCBI Accession #	NP_005013.1
NCBI GenBank Nucleotide #	NM_005022.3
UniProt Accession #	P07737; Q53Y44
Molecular Weight	15054
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.