PFN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PFN1, Polyclonal Antibody
Full Product Name	PFN1 (C-Term) Rabbit pAb
Product Gene Name	anti-PFN1 antibody
Product Synonym Names	Profilin-1; Epididymis tissue protein Li 184a; Profilin I; PFN1
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
OMIM	176610
3D Structure	ModBase 3D Structure for P07737
Immunogen	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.
Cellular Localization	Cytoplasm, Cytoskeleton
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PFN1 antibody	Western Blot (WB)
Application Notes for anti-PFN1 antibody	WB: 1:2000
Related Product Information for anti-PFN1 antibody	MBS8557454 is an antibody targeting PFN1. Also known as PFN1 (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PFN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PFN1. It may not necessarily be applicable to this product.

NCBI GI #	4826898
NCBI GeneID	5216
NCBI Accession #	NP_005013.1
UniProt Primary Accession #	P07737
UniProt Related Accession #	P07737
GenBank Nucleotide #	NP_005013.1

NCBI Official Full Name	profilin-1
NCBI Official Synonym Full Names	profilin 1
NCBI Official Symbol	PFN1
NCBI Official Synonym Symbols	ALS18
UniProt Protein Name	Profilin-1
UniProt Synonym Protein Names	Epididymis tissue protein Li 184a; Profilin I
UniProt Gene Name	PFN1
UniProt Entry Name	PROF1_HUMAN
NCBI Protein Information	profilin-1
NCBI Summary for PFN1	This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1. [provided by RefSeq, Jul 2012]
Research Articles on PFN1	**1.** Study find that lower Pfn1 expression is associated with lower nuclear grade tumor and longer relapse-free survival in breast cancer (BC) cells.
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