Rabbit anti-Human PFN1/Profilin 1 Polyclonal Antibody | anti-PFN1 antibody

Anti-PFN1/Profilin 1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254954	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

PFN1/Profilin 1; Polyclonal Antibody; Anti-PFN1/Profilin 1 Antibody; Rabbit Polyclonal; PFN1/Profilin 1 Antibody; Rabbit PAb; Antigen Affinity Purified; profilin 1; Anti-ALS18 Antibody; anti-PFN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PFN1/Profilin 1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PFN1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human PFN1/Profilin 1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PFN1/Profilin 1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of PFN1 in HeLa cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human PFN1 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor$488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm.

WB (Western Blot)
Anti-PFN1 rabbit polyclonal antibody at 1:500 dilutionLane A: HeLa Whole Cell LysateLane B: HepG2 Whole Cell LysateLane C: MCF7 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:15 kDaObserved band size:15 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PFN1 antibody	Mutations in the profilin 1 (PFN1) gene cause amyotrophic lateral sclerosis (ALS), a neurodegenerative disease caused by the loss of motor neurons leading to paralysis and eventually death. PFN1 is a small actin-binding protein that promotes formin-based actin polymerization and regulates numerous cellular functions.

Product Categories/Family for anti-PFN1 antibody	Non-Canonical Wnt Pathway

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	140
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; profilin I; epididymis tissue protein Li 184a
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/pfn1-profilin-1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254954