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anti-PFN1 antibody (C-Term)

Images



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Overview		
Quantity:	50 μL	
Target:	PFN1	
Binding Specificity:	AA 87-120, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PFN1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
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.	
Clone:	RB49649	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	PFN1	
Alternative Name:	PFN1 (PFN1 Products)	
Background:	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.

Molecular Weight: 15054

UniProt: P07737

Pathways: Regulation of Actin Filament Polymerization, Tube Formation, Maintenance of Protein Location

Application Details

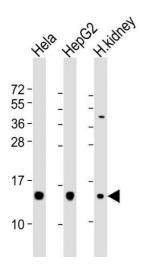
Application Notes: WB: 1:8000. WB: 1:2000

Restrictions: For Research Use only

Handling

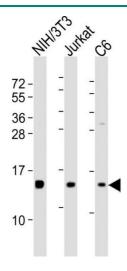
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Expiry Date:	6 months	

Images



Western Blotting

Image 1. 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 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 15 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. 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 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 15 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.