

Datasheet for ABIN631215 **anti-PFN1 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	PFN1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Profilin 1 antibody was raised using the N terminal of PFN1 corresponding to a region with amino acids AGWNAYIDNLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVNITPAEVGVL
Specificity:	Profilin 1 antibody was raised against the N terminal of PFN1
Purification:	Affinity purified

Target Details

Target:	PFN1
Alternative Name:	Profilin 1 (PFN1 Products)
Background:	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.

Target Details

Molecular Weight:	15 kDa (MW of target protein)
Pathways:	Regulation of Actin Filament Polymerization, Tube Formation, Maintenance of Protein Location

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Profilin 1 Blocking Peptide, catalog no. 33R-1234, is also available for use as a blocking control in assays to test for specificity of this Profilin 1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PFN1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. Profilin 1 antibody used at 1 ug/ml to detect target protein.