

[Go to Product page](#)

## Datasheet for ABIN7383994 anti-PFN2 antibody

### Overview

Quantity:	20 µL
Target:	PFN2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFN2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Synthetic peptide of human PFN2
Isotype:	IgG
Purification:	Affinity purification

### Target Details

Target:	PFN2
Alternative Name:	PFN2 ( <a href="#">PFN2 Products</a> )
Background:	D3S1319E,PFL,PFN 2,Pfn2,PROF2,Profilin II,Profilin-2,Profilin2,ProfilinII,The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin

## Target Details

	prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG.
Molecular Weight:	15 kDa
NCBI Accession:	<a href="#">NP_444252</a>
UniProt:	<a href="#">P35080</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:25-1:100
Restrictions:	For Research Use only

## Handling

Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.