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Datasheet for ABIN6264161  
**anti-PFN1 antibody (C-Term)**

5 Images

### Overview

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

### Product Details

Immunogen:	A synthesized peptide derived from human Profilin 1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Profilin 1 Antibody detects endogenous levels of total Profilin 1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

### Target Details

Target:	PFN1
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## Target Details

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Alternative Name:	PFN1 ( <a href="#">PFN1 Products</a> )
Background:	Description: 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. Gene: PFN1
Molecular Weight:	15kDa
Gene ID:	5216
UniProt:	<a href="#">P07737</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Tube Formation</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

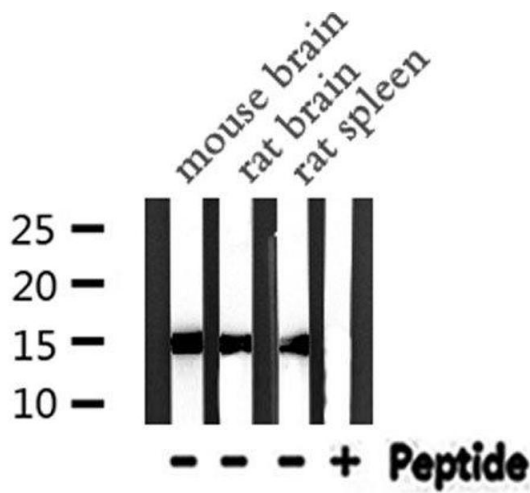
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Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

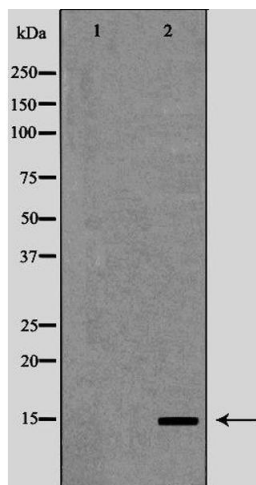
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



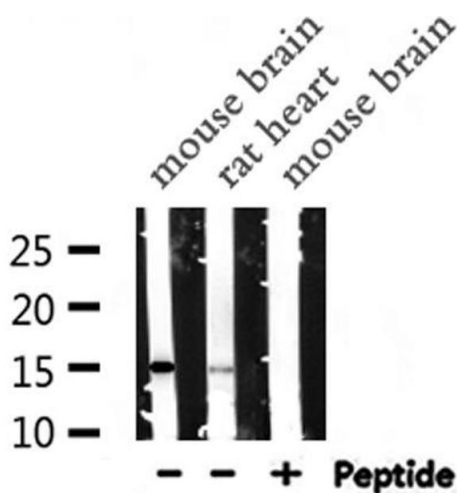
### Western Blotting

**Image 1.** Western blot analysis of PFN1 expression in various lysates



### Western Blotting

**Image 2.** Western blot analysis of HeLa whole cell lysates, using PFN1 Antibody. The lane on the left is treated with the antigen-specific peptide.



### Western Blotting

**Image 3.** Western blot analysis of PFN1 expression in various lysates

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6264161.