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Datasheet for ABIN7255712

anti-PFN1 antibody

1 Image

Overview

Quantity:	200 µL
Target:	PFN1
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human PFN1 (NP_005013.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PFN1
Alternative Name:	PFN1 (PFN1 Products)
Background:	This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene

Target Details

are located on chromosome 1.

Molecular Weight: Observed_MW: 13 kDa
Calculated_MW: 15 kDa

Gene ID: 5216

UniProt: [P07737](#)

Pathways: [Regulation of Actin Filament Polymerization](#), [Tube Formation](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

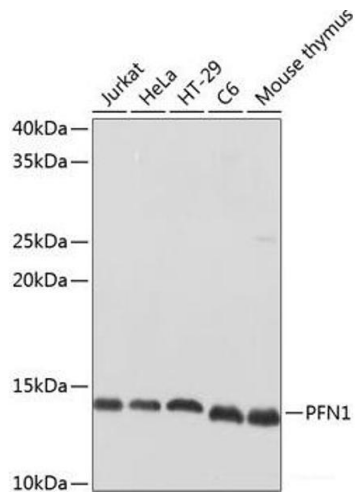
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using PFN1 Polyclonal Antibody at dilution of 1:500.