## CAB1164

## Product Information

 Size:20uL, 50uL, 100uL, 200uL

## Observed MW:

13KDa

## Calculated MW:

15 kDa
Applications:

## WB

## Reactivity:

Human, Mouse, Rat, Monkey

## Antibody Information

## Recommended dilutions:

WB 1:500-1:2000

## Source:

Rabbit

## Isotype:

IgG

## Protein 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 are located on chromosome 1.

## Immunogen information

## Gene ID:

5216

## Uniprot

P07737

## Synonyms:

PFN1; ALS18

## Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human PFN1 (NP_005013.1).

## Storage:

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH 7.3 .

## Purification:

Affinity purification


Western blot analysis of extracts of various cell lines, using PFN1 Polyclonal Antibody (CAB1164) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: $3 \%$ nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.

Western blot analysis of extracts of various cell lines, using PFN1 Polyclonal Antibody (CAB1164) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3\% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

