

For Research Use Only

Profilin 1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88038-1-PBS



Basic Information

Catalog Number:

88038-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2286

GenBank Accession Number:

BC006768

GeneID (NCBI):

5216

UNIPROT ID:

P07737

Full Name:

profilin 1

Calculated MW:

140 aa, 15 kDa

Observed MW:

13-15 kDa

Purification Method:

Protein A purification

CloneNo.:

260024B9

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Profilin-1 (PFN1) plays an important role in the control of actin dynamics, and could represent an important therapeutic target in several diseases. PFN1 is identified as a huntingtin aggregation inhibitor, and may serve as a tumor-suppressor. PFN1 is crucial for the conversion of monomeric (G)-actin to filamentous (F)-actin. Amyotrophic lateral sclerosis (ALS) is a late-onset neurodegenerative disorder resulting from motor neuron death. Cells expressing PFN1 mutants contain ubiquitinated, insoluble aggregates that in many cases contain the ALS-associated protein TDP-43. Recently, PFN1 is a potential biomarker for bladder cancer aggressiveness and may be of great clinical importance.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

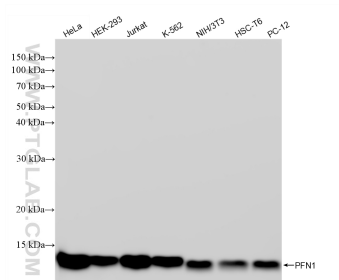
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88038-1-RR (Profilin 1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88038-1-PBS in a different storage buffer formulation.