

For Research Use Only

Profilin 1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88038-1-PBS



Basic Information

Catalog Number:

88038-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

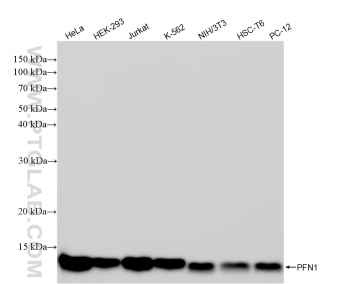
For technical support and original validation data for this product please contact:

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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.