

Palladin-Specific Polyclonal antibody

Catalog Number: 16179-1-AP

Basic Information

Catalog Number:

16179-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_016081

GeneID (NCBI):

23022

UNIPROT ID:

Q8WX93

Full Name:

palladin, cytoskeletal associated protein

Calculated MW:

151 kDa

Observed MW:

120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells,

IP : HeLa cells,

Background Information

Palladin is a widely expressed protein found in stress fibers, focal adhesions, growth cones, Z-discs, and other actin-based subcellular structures. It belongs to a small gene family that includes the Z-disc proteins myopalladin and myotilin. It is a cytoskeletal protein required for organization of normal actin cytoskeleton. It functions in establishing cell morphology, motility, cell adhesion and cell-extracellular matrix interactions in a variety of cell types. This antibody, generated against N-terminal peptide of palladin, recognizes 200 kDa, 140 kDa, and 65 kDa isoforms of this protein.

Storage

Storage:

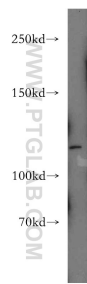
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

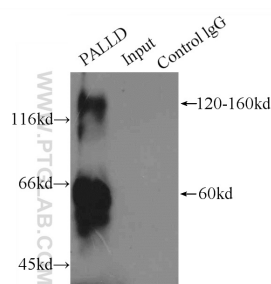
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 16179-1-AP (Palladin-Specific antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



IP result of anti-Palladin-Specific (IP:16179-1-AP, 4ug; Detection:16179-1-AP 1:200) with HeLa cells lysate 1500ug.