

For Research Use Only

CAPZA1 Monoclonal antibody, PBS Only

Catalog Number: 66066-1-PBS

Featured Product



Basic Information

Catalog Number:

66066-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18841

GenBank Accession Number:

BC000144

GeneID (NCBI):

829

UNIPROT ID:

P52907

Full Name:

capping protein (actin filament)

muscle Z-line, alpha 1

Calculated MW:

286 aa, 33 kDa

Observed MW:

37 kDa

Purification Method:

Protein G purification

CloneNo.:

10H1F9

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CAPZA1 (F-actin-capping protein subunit alpha-1) is a member of the F-actin capping protein alpha subunit family and regulates actin filament growth, stability and disassembly. Differential expression of CAPZA1 has been found in gastric cancer and melanoma, indicating its possible role in tumorigenesis. (21566537, 23545944)

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

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

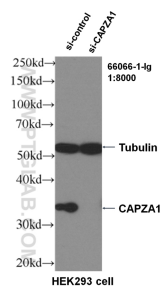
T: 4006900926

E: Proteintech-CN@ptglab.com

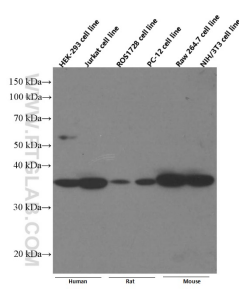
W: ptgcn.com

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

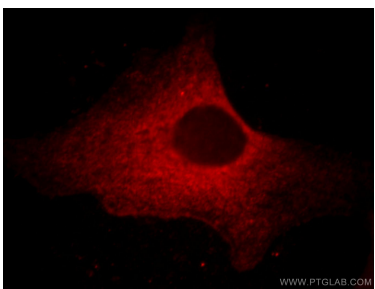
Selected Validation Data



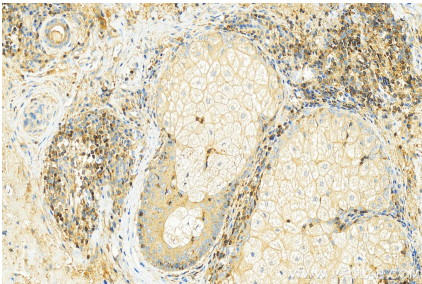
WB result of CAPZA1 antibody (66066-1-Ig, 1:8000) with si-Control and si-CAPZA1 transfected HEK293 cells. This data was developed using the same antibody clone with 66066-1-PBS in a different storage buffer formulation.



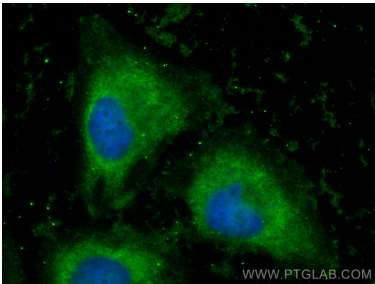
Western blot analysis of CAPZA1 in various cell lines using Proteintech antibody 66066-1-Ig at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66066-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells using 66066-1-Ig (CAPZA1 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG. This data was developed using the same antibody clone with 66066-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 66066-1-Ig (CAPZA1 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66066-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CAPZA1 antibody (66066-1-Ig, Clone: 10H1F9) at dilution of 1:800 and Coralite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 66066-1-PBS in a different storage buffer formulation.