

For Research Use Only

PTPN23 Polyclonal antibody, PBS Only

Catalog Number: 10472-1-PBS

Featured Product



Basic Information

Catalog Number:

10472-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0765

GenBank Accession Number:

BC004881

GeneID (NCBI):

25930

UNIPROT ID:

Q9H3S7

Full Name:

protein tyrosine phosphatase, non-receptor type 23

Calculated MW:

179 kDa

Observed MW:

179 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

Background Information

PTPN23 (Tyrosine-protein phosphatase non-receptor type 23) is also named as HD-PTP, PTP-TD14 and KIAA1471. It encodes a 185-kDa protein which is expressed in human endothelial from the umbilical cord and in human Kaposi-spindle cells (PMID:16408268). PTPN23 is a non-transmembrane protein tyrosine phosphatase which contributes to the signal transduction pathways involved in the regulation of cell migration and invasion (PMID:22510412).

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

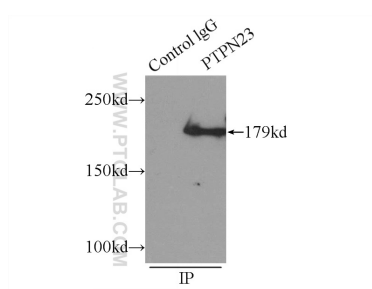
E: Proteintech-CN@ptglab.com

W: ptgcn.com

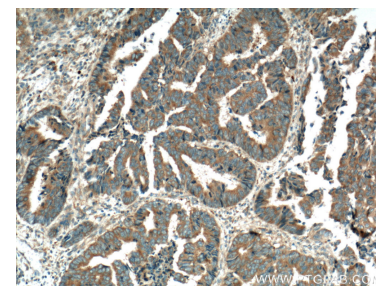
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

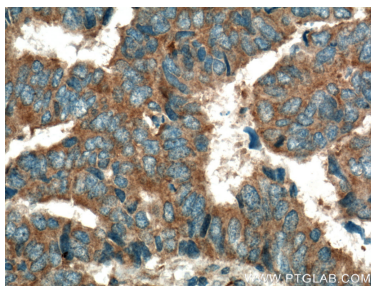
Various lysates were subjected to SDS PAGE followed by western blot with 10472-1-AP (PTPN23 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10472-1-PBS in a different storage buffer formulation.



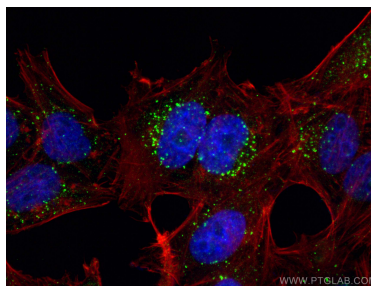
IP result of anti-PTPN23 (IP:10472-1-AP, 5ug; Detection:10472-1-AP 1:500) with HeLa cells lysate 1000ug. This data was developed using the same antibody clone with 10472-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10472-1-AP (PTPN23 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10472-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10472-1-AP (PTPN23 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10472-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PTPN23 antibody (10472-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 10472-1-PBS in a different storage buffer formulation.