

For Research Use Only

ZWILCH Polyclonal antibody

Catalog Number: 14281-1-AP

2 Publications



Basic Information

Catalog Number:

14281-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5454

GenBank Accession Number:

BC036900

GeneID (NCBI):

55055

UNIPROT ID:

Q9H900

Full Name:

Zwilch, kinetochore associated, homolog (Drosophila)

Calculated MW:

67 kDa

Observed MW:

~60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : PC-3 cells,

IHC : human colon cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

ZWILCH is a new component of the ZW10/ROD complex. The complex is a key player in the spindle checkpoint. ZWILCH has two isoforms with MW 67 kDa and 54 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Fengjie Yuan	31291454	Nucleic Acids Res	
Małgorzata Blatkiewicz	37189849	Biomedicines	IHC

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

*** 20ul sizes contain 0.1% BSA

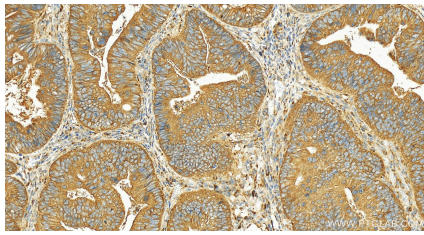
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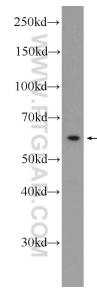
E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14281-1-AP (ZWILCH antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



PC-3 cells were subjected to SDS PAGE followed by western blot with 14281-1-AP (ZWILCH Antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.