ZWILCH Polyclonal antibody

Catalog Number:14281-1-AP   **2 Publications**

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Basic Information

Catalog Number:
14281-1-AP

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5454

GenBank Accession Number:
BC036900

GeneID (NCBI):
55055

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 1:20-1:200

Applications

Tested Applications:
IHC, WB,ELISA

Cited Applications:
IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

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

Positive Controls:

WB : PC-3 cells,

IHC : human colon cancer tissue,

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

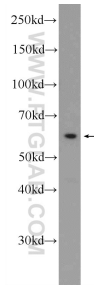| Author	Pubmed ID	Journal	Application
Fengjie Yuan	31291454	Nucleic Acids Res	
Małgorzata Blatkiewicz	37189849	Biomedicines	IHC

Storage

Storage:
Store at -20℃. 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
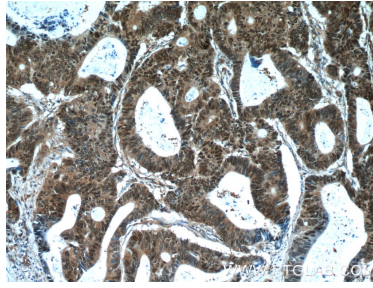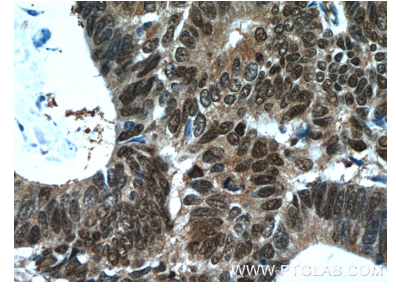
*** 20ul sizes contain 0.1% BSA

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.

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14281-1-AP (ZWILCH Antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14281-1-AP (ZWILCH Antibody) at dilution of 1:50 (under 40x lens).