

For Research Use Only

# Alpha Taxilin Polyclonal antibody

Catalog Number: 27558-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

27558-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG23001

### GenBank Accession Number:

BC103823

### GeneID (NCBI):

200081

### UNIPROT ID:

P40222

### Full Name:

taxilin alpha

### Calculated MW:

546 aa, 62 kDa

### Observed MW:

75 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:500-1:2000

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human

### 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 : HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells

IHC : human ovary cancer tissue,

## Background Information

Alpha-taxilin is a member of the taxilin family which consist of at least three members: alpha-, beta- and gamma-taxilins. Alpha-taxilin was identified as a novel binding partner of the syntaxin family, which is involved in intracellular vesicle traffic. Alpha-taxilin is ubiquitously expressed. It plays an essential role for release of HBV-DNA containing particles. Alpha-taxilin encompasses 546 aa and has a calculated molecular weight of 62 kDa. It migrates on SDS-PAGE with an apparent molecular weight of 75 kDa. (PMID: 12558796; 23816704)

## Notable Publications

Author	Pubmed ID	Journal	Application
Dandan Ma	35119360	Elife	WB,IF

## 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

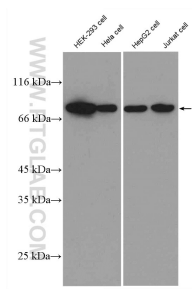
For technical support and original validation data for this product please contact:

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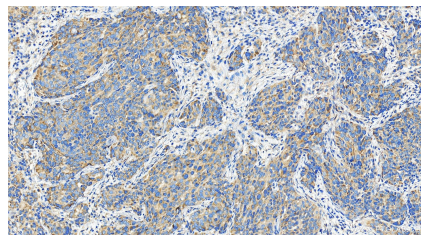
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## Selected Validation Data



Various cells were subjected to SDS PAGE followed by western blot with 27558-1-AP (TXLNA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27558-1-AP (Alpha Taxilin antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).