

For Research Use Only

# WBSCR22 Polyclonal antibody

Catalog Number: 28192-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

28192-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG28094

### GenBank Accession Number:

BC000169

### GeneID (NCBI):

114049

### UNIPROT ID:

O43709

### Full Name:

Williams Beuren syndrome chromosome region 22

### Calculated MW:

32 kDa

### Observed MW:

32 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

Human, Mouse

### Cited Species:

human

### Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 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

WBSCR22 (Williams-Beuren syndrome chromosomal region 22 protein), also known as BUD23, MERM1, is affected in Williams-Beuren syndrome and has been implicated in tumorigenesis and metastasis formation. WBSCR22 contains a nuclear localization signal and a common S-adenosyl-L-methionine binding motif that is evolutionarily conserved in methyltransferases (PMID: 29133897, 25525153). WBSCR22 protein is expressed at a high level in invasive breast cancer and its ectopic expression enhances tumor cell survival in the vasculature (PMID: 24086612).

## Notable Publications

Author	Pubmed ID	Journal	Application
Lenka Stixová	38370261	Heliyon	IF, WB

## 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

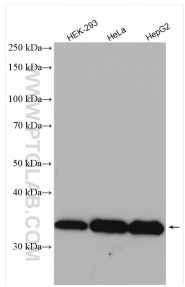
For technical support and original validation data for this product please contact:

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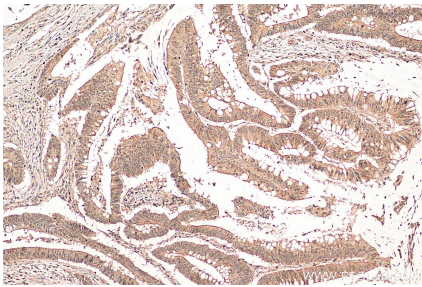
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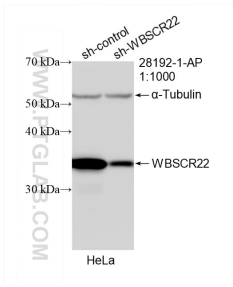
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28192-1-AP (WBSCR22 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28192-1-AP (WBSCR22 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of WBSCR22 antibody (28192-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-WBSCR22 transfected HeLa cells.