

For Research Use Only

# WSB2 Polyclonal antibody

Catalog Number: 12124-2-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

12124-2-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2768

### GenBank Accession Number:

BC015887

### GeneID (NCBI):

55884

### UNIPROT ID:

Q9NYS7

### Full Name:

WD repeat and SOCS box-containing 2

### Calculated MW:

404 aa, 45 kDa

### Observed MW:

50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB: PC-3 cells, rat kidney tissue, mouse kidney tissue, human brain tissue

IP: mouse kidney tissue,

IF/ICC: HEK-293 cells,

## Background Information

WSB2, also named SBA2, encodes WD repeat and SOCS box-containing protein 2. WSB2 may be a substrate-recognition component of an E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. WSB2 is a novel protein supposed to be involved in male- and female-specific gonadal development, and also a regulator of IL-21 receptor expression and IL21-induced signal transduction. WSB2 might be a promising novel biomarker of cell differentiation in colorectal cancer and its biological functions need further studies.

## Notable Publications

Author	Pubmed ID	Journal	Application
Gautier Stoll	31069148	Oncoimmunology	IHC
Ke Lu	37943017	Elife	IP
Zhiqin Yang	36866240	J Oncol	WB, IHC, CoIP

## 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

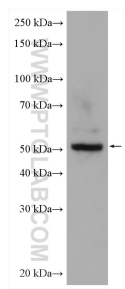
For technical support and original validation data for this product please contact:

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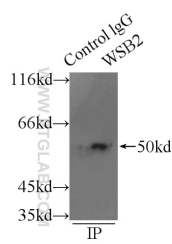
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Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 12124-2-AP (WSB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-WSB2 (IP:12124-2-AP, 3ug; Detection:12124-2-AP 1:800) with mouse kidney tissue lysate 6000ug.

Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using WSB2 antibody (12124-2-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).