

For Research Use Only

# EWS Polyclonal antibody, PBS Only

Catalog Number: 55191-1-PBS



## Basic Information

### Catalog Number:

55191-1-PBS

### Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_005243

### GeneID (NCBI):

2130

### UNIPROT ID:

Q01844

### Full Name:

Ewing sarcoma breakpoint region 1

### Calculated MW:

68 kDa

### Observed MW:

68-70 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, IHC, Indirect ELISA

### Species Specificity:

human, mouse, rat

## Background Information

EWS, also named as WSR1, belongs to the RRM TET family. It might normally function as a repressor. EWS-fusion-proteins (EFPS) may play a role in the tumorigenic process. They may disturb gene expression by mimicking, or interfering with the normal function of CTD-POLII within the transcription initiation complex. They may also contribute to an aberrant activation of the fusion protein target genes. This antibody is specific to EWS. And a 90 kDa band also could be detected (PMID:23552423).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

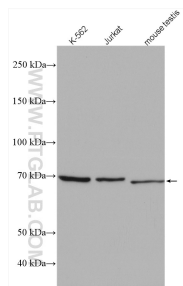
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

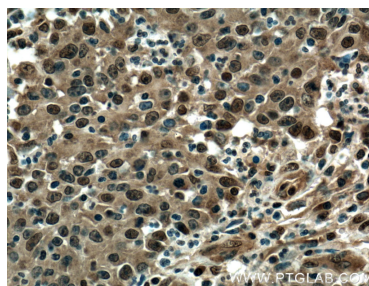
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55191-1-AP (EWS antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55191-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55191-1-AP (EWS Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55191-1-PBS in a different storage buffer formulation.