

For Research Use Only

# FYB Polyclonal antibody

Catalog Number: 31553-1-AP



## Basic Information

<b>Catalog Number:</b> 31553-1-AP	<b>GenBank Accession Number:</b> NM_199335.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 400 ug/ml	<b>GeneID (NCBI):</b> 2533	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15117	
<b>Isotype:</b> IgG	<b>Full Name:</b> FYN binding protein (FYB-120/130)	
<b>Immunogen Catalog Number:</b> AG35929	<b>Calculated MW:</b> 85kDa, 783aa	
	<b>Observed MW:</b> 110 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> Jurkat cells, <b>IHC :</b> human ovary 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

FYN binding protein (FYB-120/130), also known as FYB, ADAP (Adhesion and degranulation-promoting adapter protein), and SLAP-130 (SLP-76-associated phosphoprotein) is a protein that is encoded by the FYB gene in humans. The protein is highly expressed in T cells, NK cells, bone marrow cells, and platelets, responsible for the signal transduction upon T cell receptor (TCR) stimulation with integrin activation.

## 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

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

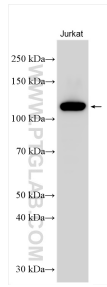
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 31553-1-AP (FYB antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 31553-1-AP (FYB antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).