

FYB Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12307B**Specification**

FYB Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O15117
Other Accession	NP_955367.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	85387
Antigen Region	646-675

FYB Antibody (C-term) - Additional Information**Gene ID** 2533**Other Names**

FYN-binding protein, Adhesion and degranulation promoting adaptor protein, ADAP, FYB-120/130, p120/p130, FYN-T-binding protein, SLAP-130, SLP-76-associated phosphoprotein, FYB, SLAP130

Target/Specificity

This FYB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 646-675 amino acids from the C-terminal region of human FYB.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FYB Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FYB Antibody (C-term) - Protein Information**Name** FYB1 ([HGNC:4036](#))

Synonyms FYB, SLAP130

Function Acts as an adapter protein of the FYN and LCP2 signaling cascades in T-cells (By similarity). May play a role in linking T-cell signaling to remodeling of the actin cytoskeleton (PubMed:[10747096](#), PubMed:[16980616](#)). Modulates the expression of IL2 (By similarity). Involved in platelet activation (By similarity). Prevents the degradation of SKAP1 and SKAP2 (PubMed:[15849195](#)). May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells (By similarity).

Cellular Location

Cytoplasm. Nucleus {ECO:0000255|PROSITE-ProRule:PRU00768}. Cell junction {ECO:0000250|UniProtKB:O35601}. Note=Colocalizes with TMEM47 at cell- cell contacts in podocytes. {ECO:0000250|UniProtKB:O35601}

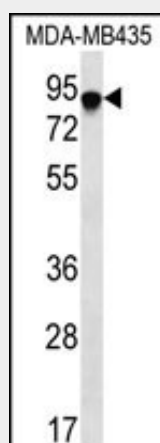
Tissue Location

Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and thymus. Not expressed in B-cells, nor in non- lymphoid tissues

FYB Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FYB Antibody (C-term) - Images

FYB Antibody (C-term) (Cat. #AP12307b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the FYB antibody detected the FYB protein (arrow).

FYB Antibody (C-term) - Background

FYB acts as an adapter protein of the FYN and LCP2 signaling cascades in T cells. Modulates the expression of interleukin-2 (IL-2). Involved in platelet activation. Prevents the degradation of SKAP1

and SKAP2.

FYB Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Srivastava, R., et al. J. Biol. Chem. 285(15):11100-11105(2010)
Lehmann, R., et al. Proteomics 9(23):5288-5295(2009)
Voss, M., et al. BMC Immunol. 10, 53 (2009) :
Burbach, B.J., et al. J. Immunol. 181(7):4840-4851(2008)