

Anti-FYB Antibody
Rabbit polyclonal antibody to FYB
Catalog # AP59559**Specification**

Anti-FYB Antibody - Product Information

Application	WB
Primary Accession	O15117
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85387

Anti-FYB Antibody - Additional Information**Gene ID** 2533**Other Names**

SLAP130; 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

Target/Specificity

Recognizes endogenous levels of FYB protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-FYB Antibody - 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

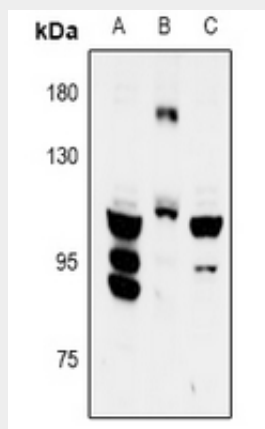
Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and thymus. Not expressed in B-cells, nor in non- lymphoid tissues

Anti-FYB Antibody - 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](#)

Anti-FYB Antibody - Images



Western blot analysis of FYB expression in H9C2 (A), SP20 (B), PC3 (C) whole cell lysates.

Anti-FYB Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FYB. The exact sequence is proprietary.