

FYB Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2680a**Specification**

FYB Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O15117
Other Accession	NP_001456.3 , NP_955367.1 , NP_001230022.1 , 2533
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	85387

FYB Antibody (internal region) - 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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FYB Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FYB Antibody (internal region) - 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 (internal region) - 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 (internal region) - Images



AF2680a (0.2 µg/ml) staining of MOLT4 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

FYB Antibody (internal region) - Background

This antibody is expected to recognise all reported isoforms (NP_001456.3; NP_955367.1; NP_001230022.1).

FYB Antibody (internal region) - References

Regulation of NF-kappaB activation in T cells via association of the adapter proteins ADAP and CARMA1. Medeiros RB, Burbach BJ, Mueller KL, Srivastava R, Moon JJ, Highfill S, Peterson EJ, Shimizu Y. Science. 2007 May 4;316(5825):754-8. PMID: 17478723