

Fyb Polyclonal Antibody

Catalog # AP69987

Product Information

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

Additional Information

Gene ID	2533
Other Names	FYB; 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
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

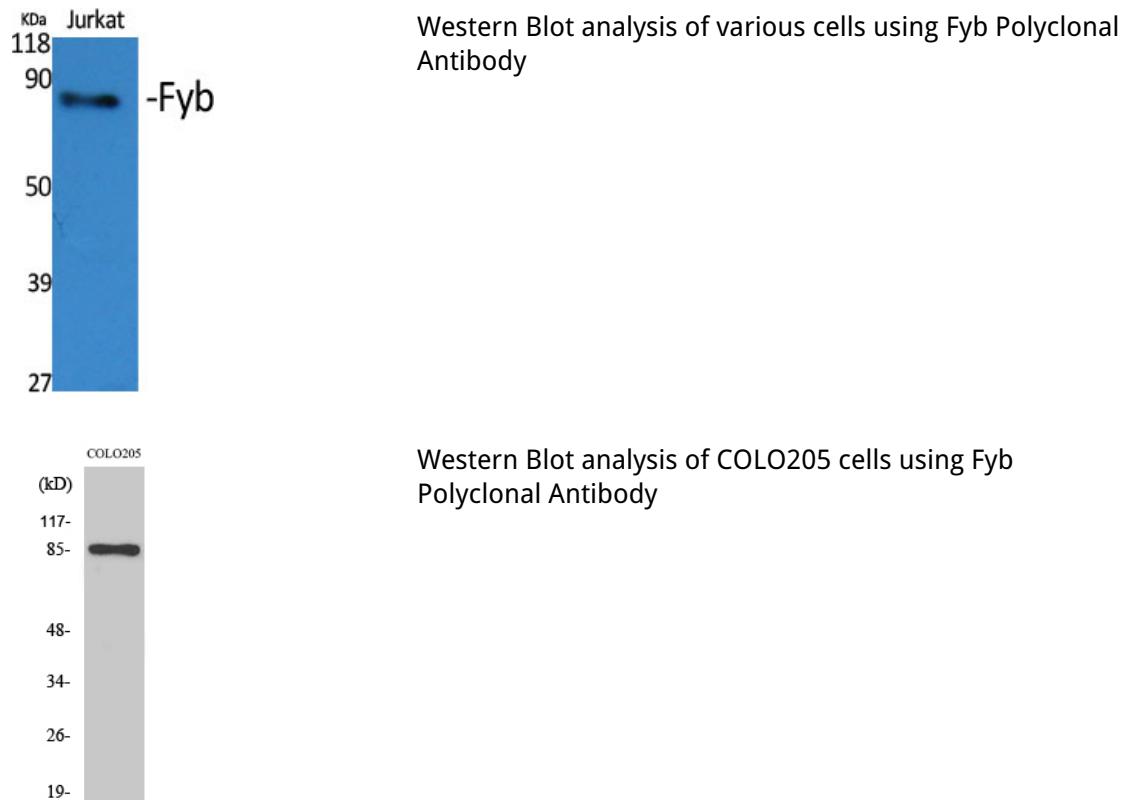
Protein Information

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

Background

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. May play a role in linking T-cell signaling to remodeling of the actin cytoskeleton.

Images



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