

Fyb Polyclonal Antibody
Catalog # AP69987**Specification**

Fyb Polyclonal Antibody - Product Information

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

Fyb Polyclonal Antibody - 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.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Fyb Polyclonal 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}

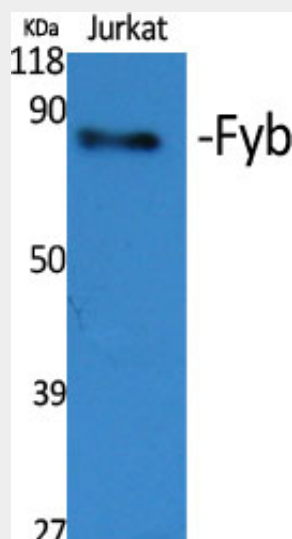
Tissue Location

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

Fyb Polyclonal Antibody - Protocols

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

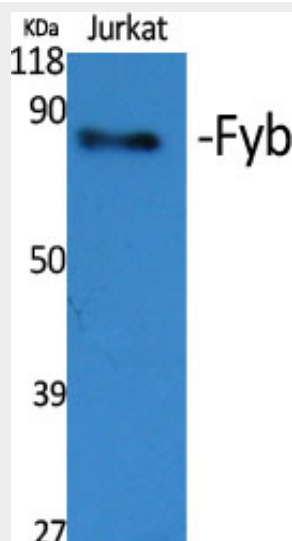
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Fyb Polyclonal Antibody - Images

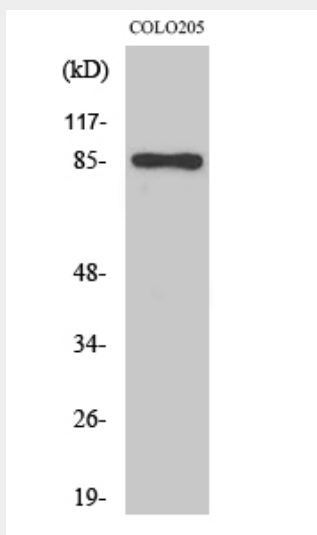
Western Blot analysis of various cells using Fyb Polyclonal Antibody



Western Blot analysis of COLO205 cells using Fyb Polyclonal Antibody



Western Blot analysis of various cells using Fyb Polyclonal Antibody



Western Blot analysis of COLO205 cells using Fyb Polyclonal Antibody

Fyb Polyclonal Antibody - 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.