

Datasheet for ABIN499217
anti-FYB antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	FYB
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FYB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	ADAP antibody was raised against a 17 amino acid peptide from near the amino terminus of human ADAP.
Isotype:	IgG
Specificity:	This antibody reacts to ADAP.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	FYB
Alternative Name:	FYN-Binding Protein (FYB Products)
Background:	The adhesion and degranulation adaptor protein (ADAP) was initially identified as a molecular

Target Details

adapter that couples T cell receptor (TCR) stimulation to the avidity of integrins governing T cell adhesion. TCR stimulation promotes the formation of a multi-protein complex containing CARMA1, MALT1, and BCL-10, which through the association of ADAP, ultimately activates the NF-kappaB family of transcription factors. More recent experiments have shown that ADAP controls optimal T cell proliferation, cytokine production, and expression of the Bcl-2 family member Bcl-x(L), suggesting that ADAP regulates T cell activation by promoting antigen-dependent T cell-antigen presenting cell (APC) activation. At least three isoforms of ADAP are known to exist. Synonyms: Adhesion and degranulation promoting adaptor protein, FYB-120/130, FYN-T-binding protein, SLAP-130, SLAP130, SLP-76-associated phosphoprotein, p120/p130

Gene ID: 2533

NCBI Accession: [NP_955367](#)

UniProt: [O15117](#)

Pathways: [TCR Signaling](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: ELISA. Western Blot: ADAP antibody can be used for detection of ADAP at 0.5 - 1 µg/mL. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % Sodium Azide as preservative

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

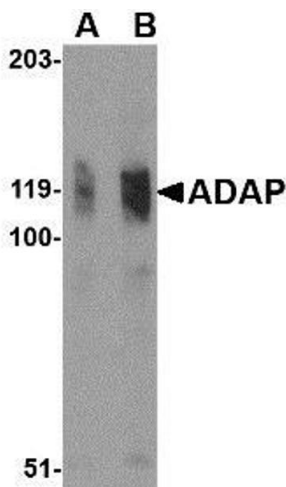
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of ADAP in K562 cells with AP30020PU-N ADAP antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of ADAP in K562 cell lysate with AP30020PU-N ADAP antibody at (A) 0.5 and (B) 1 µg/ml.