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Datasheet for ABIN1695218

anti-FYB antibody (AA 501-600) (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	FYB
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FYB antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FYB/ADAP
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	FYB
Alternative Name:	FYB/ADAP (FYB Products)
Background:	Synonyms: ADAP, Adhesion and degranulation promoting adaptor protein, FYB 120/130, Fyb,

Target Details

FYB-120/130, FYB_HUMAN, FYN binding protein, FYN T binding protein, FYN-binding protein, FYN-T-binding protein, p120/p130, PRO0823, SLAP 130, SLAP-130, SLAP130, SLP 76 associated phosphoprotein, SLP-76-associated phosphoprotein, SLP76 associated phosphoprotein.

Background: Fyb (Fyn binding protein) and the anchoring proteins SKAP55 (src kinase-associated phosphoprotein) and SKAP55-R (SKAP55-related protein) associate with the tyrosine kinase p59fyn (13). SKAP55 and SKAP55-R bind to Fyb through their SH3 domains and function as substrates for p59Fyn in resting T cells (13). SKAP55 contains an amino-terminal pleckstrin homology domain and a carboxy-terminal SH3 domain binding motif of adjacent arginine and lysine residues followed by tandem tyrosines (i.e. RKxxYxxY) (4,5). SKAP55-R, similar in overall structure to SKAP55, contains a coiled-coil N-terminal domain (1,2). SKAP55 associates with SLAP-130, another component of the Fyn complex, which plays a role in the regulation of signaling events initiated by lymphocyte antigen receptors leading up to T cell activation (6). The human Fyb gene maps to chromosome 5p13.1 and encodes a 783 amino acid protein (7).

Gene ID: 2533

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

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months