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Datasheet for ABIN5010581

anti-SKAP1 antibody (AA 101-200) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	SKAP1
Binding Specificity:	AA 101-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SKAP1 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SKAP55
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SKAP1
Alternative Name:	SKAP55 (SKAP1 Products)

Target Details

Background: Synonyms: pp55, SCAP 1, SCAP1, SKAP 1, SKAP 55, SKAP-55, Skap1, SKAP1_HUMAN, SKAP55 adaptor protein, SRC family associated phosphoprotein 1, Src family-associated phosphoprotein 1, Src kinase associated phosphoprotein 1, SRC kinase associated phosphoprotein 55 kD, Src kinase associated phosphoprotein of 55 kDa, Src kinase-associated phosphoprotein 1, Src kinase-associated phosphoprotein of 55 kDa.

Background: Fyb (Fyn binding protein) and the anchoring proteins SKAP55 and SKAP55-R (SKAP55-related protein) associate with the tyrosine kinase p59fyn. SKAP55 and SKAP55-R bind to Fyb through their SH3 domains and function as substrates for p59Fyn in resting T cells. SKAP55 contains an N-terminal pleckstrin homology domain and a C-terminal SH3 domain binding motif of adjacent arginine and lysine residues followed by tandem tyrosines. SKAP55-R, similar in overall structure to SKAP55, contains a coiled-coil N-terminal domain. 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. The human SKAP55 gene maps to chromosome 17q21.32 and encodes a 359 amino acid protein.

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.

Storage: -20 °C

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

Handling

Expiry Date: 12 months