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Datasheet for ABIN1711408
anti-SKAP2 antibody (AA 1-100) (HRP)

Overview

Quantity:	100 µL
Target:	SKAP2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SKAP2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCAP2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SKAP2
Alternative Name:	SCAP2 (SKAP2 Products)
Background:	Synonyms: Fyn associated phosphoprotein SKAP55 homologue, MGC10411, MGC33, PRAP,

Target Details

Pyk2/RAFTK associated protein, Pyk2/RAFTK-associated protein, RA70, Retinoic acid-induced protein 70, SAPS, SKAP-55HOM, SKAP-HOM, skap2, SKAP2_HUMAN, SKAP55 homolog, SKAP55R, Src associated adaptor protein, Src family associated phosphoprotein 2, Src family-associated phosphoprotein 2, src kinase associated phosphoprotein of 55 related protein, Src kinase-associated phosphoprotein 2, Src kinase-associated phosphoprotein 55-related protein, Src-associated adapter protein with PH and SH3 domains.

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 (i.e. RKxxYxxY). 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: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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 Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Handling

Storage: -20 °C

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

Expiry Date: 12 months