

Human SKAP55 Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF4264

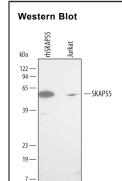
DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human SKAP55 in Western blots.	
Source	Polyclonal Goat IgG	
Purification	Antigen Affinity-purified	
Immunogen	E. coli-derived recombinant human SKAP55 Met1-Arg358 Accession # NP_001068567	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

DATA



Detection of Human SKAP55 by Western Blot.

Western blot shows lysates of Jurkat human acute T cell leukemia cell line . PVDF membrane was probed with 1 μ g/mL Goat Anti-Human SKAP55 Antigen Affinity-purified Polyolonal Antibody (Catalog # AF4264) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). For additional reference, recombinant human SKAP55 (1 ng) was included. A specific band for SKAP55 was detected at approximately 55 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.2 mg/mL in sterile PBS

ShippingThe product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Src kinase-associated phosphoprotein of 55 kDa (SKAP55) is an adaptor protein expressed exclusively in mononuclear cells of hematopoietic lineage, with preferential expression in T lymphocytes and monocytes. Also known as SCAP1, SKAP55 regulates integrin-mediated adhesion and promotes synapse formation between T cells and antigen-presenting cells. SKAP55 is expressed as a constitutively tyrosine-phosphorylated protein that interacts with the SH2 domain of Fyn in resting cells.

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