

Anti-SKAP55 Picoband Antibody
Catalog # ABO12576**Specification**

Anti-SKAP55 Picoband Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q86WV1
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Src kinase-associated phosphoprotein 1(SKAP1) detection. Tested with WB, IHC-P in Human;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-SKAP55 Picoband Antibody - Additional Information

Gene ID 8631

Other Names

Src kinase-associated phosphoprotein 1, Src family-associated phosphoprotein 1, Src kinase-associated phosphoprotein of 55 kDa, SKAP-55, pp55, SKAP1, SCAP1, SKAP55

Calculated MW

41432 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Rat, Human, By Heat

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Cytoplasm. Nucleus. Cell membrane. Upon T-cell stimulation, translocates to lipid rafts at the cell membrane.

Tissue Specificity

Highly expressed in thymocytes and peripheral blood lymphocytes. Also expressed in spleen cells and testis. Present in T-cells (at protein level). .

Protein Name

Src kinase-associated phosphoprotein 1

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human SKAP55

(163-189aa RMAPHLRRDSKKESCFELTSQDRRSYE), different from the related mouse and rat sequences by two amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-SKAP55 Picoband Antibody - Protein Information

Name SKAP1

Synonyms SCAP1, SKAP55

Function

Positively regulates T-cell receptor signaling by enhancing the MAP kinase pathway. Required for optimal conjugation between T- cells and antigen-presenting cells by promoting the clustering of integrin ITGAL on the surface of T-cells. May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells.

Cellular Location

Cytoplasm. Nucleus. Cell membrane. Note=Upon T- cell stimulation, translocates to lipid rafts at the cell membrane

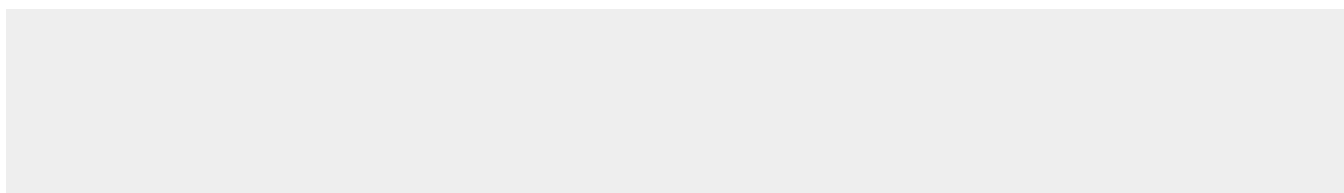
Tissue Location

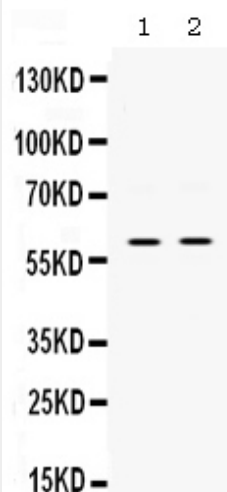
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Anti-SKAP55 Picoband Antibody - Protocols

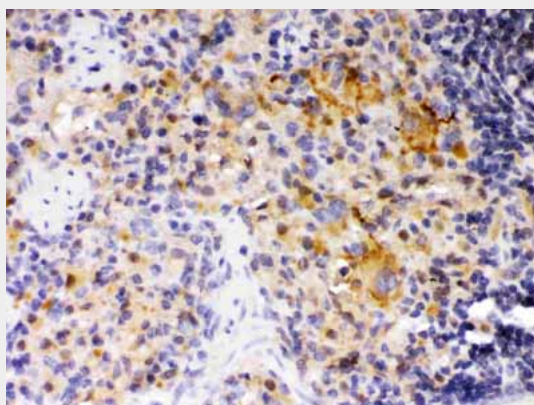
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SKAP55 Picoband Antibody - Images



Western blot analysis of SKAP55 expression in PANC whole cell lysates (lane 1) and JURKAT whole cell lysates (lane 2). SKAP55 at 60KD was detected using rabbit anti- SKAP55 Antigen Affinity purified polyclonal antibody (Catalog # ABO12576) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .



SKAP55 was detected in paraffin-embedded sections of rat spleen tissues using rabbit anti- SKAP55 Antigen Affinity purified polyclonal antibody (Catalog # ABO12576) at 1 µg/mL. The immunohistochemical section was developed using SABC method .

Anti-SKAP55 Picoband Antibody - Background

Src kinase-associated phosphoprotein 1 is an adapter protein that in humans is encoded by the SKAP1 gene. This gene encodes a T cell adaptor protein, a class of intracellular molecules with modular domains capable of recruiting additional proteins but that exhibit no intrinsic enzymatic activity. The encoded protein contains a unique N-terminal region followed by a PH domain and C-terminal SH3 domain. Along with the adhesion and degranulation-promoting adaptor protein, the encoded protein plays a critical role in inside-out signaling by coupling T-cell antigen receptor stimulation to the activation of integrins.