10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# SKAP2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17423c

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | O75563 |
| **Other Accession** | Q920G0, Q3UND0, Q32LP7, NP_003921.2 |
| **Reactivity** | Human |
| **Predicted** | Bovine, Mouse, Rat, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB37004 |
| **Calculated MW** | 41217 |
| **Antigen Region** | 137-165 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 8935 |
| **Other Names** | Src kinase-associated phosphoprotein 2, Pyk2/RAFTK-associated protein, Retinoic acid-induced protein 70, SKAP55 homolog, SKAP-55HOM, SKAP-HOM, Src family-associated phosphoprotein 2, Src kinase-associated phosphoprotein 55-related protein, Src-associated adapter protein with PH and SH3 domains, SKAP2, PRAP, RA70, SAPS, SCAP2, SKAP55R |
| **Target/Specificity** | This SKAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-165 amino acids from the Central region of human SKAP2. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | SKAP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

| | |
|---|---|
| **Name** | SKAP2 |

| | |
|---|---|
| **Synonyms** | PRAP, RA70, SAPS, SCAP2, SKAP55R |
| **Function** | May be involved in B-cell and macrophage adhesion processes. In B-cells, may act by coupling the B-cell receptor (BCR) to integrin activation. May play a role in src signaling pathway. |
| **Cellular Location** | Cytoplasm. |
| **Tissue Location** | Ubiquitously expressed. Present in platelets (at protein level). |

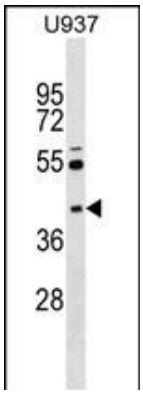
## Background

The protein encoded by this gene belongs to the src family kinases. This protein is similar to the src kinase associated phosphoprotein 1. It is an adaptor protein that is thought to play an essential role in the src signaling pathway in various cells. It inhibits PTK2B/RAFTK activity and regulates alpha-synuclein phosphorylation.

## References


Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Qu, H.Q., et al. Hum. Mol. Genet. 19(12):2534-2538(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Barrett, J.C., et al. Nat. Genet. 41(6):703-707(2009)
Voss, M., et al. BMC Immunol. 10, 53 (2009) :


## Images




SKAP2 Antibody (Center) (Cat. #AP17423c) western blot analysis in U937 cell line lysates (35ug/lane).This demonstrates the SKAP2 antibody detected the SKAP2 protein (arrow).


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.