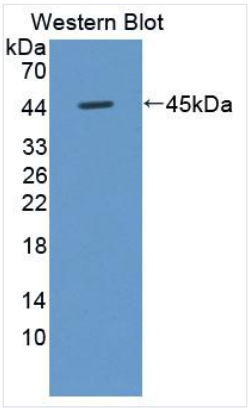
Src Kinase Associated Phosphoprotein 1 (SKAP1) Antibody – Rabbit Polyclonal

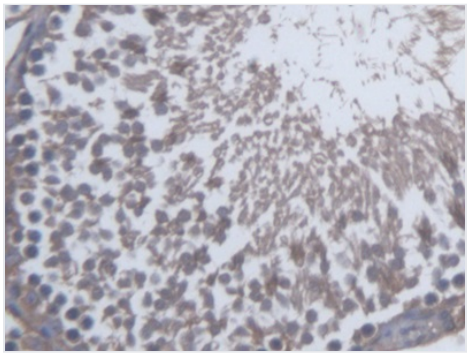
PRODUCT OVERVIEW

Product Name	Src Kinase Associated Phosphoprotein 1 (SKAP1), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Src Kinase Associated Phosphoprotein 1 (SKAP1)
Product Gene Name	anti-SKAP1 antibody
Product Synonym Names	SCAP1; SKAP55; pp55; Src Family Associated Phosphoprotein 1; Src kinase-associated phosphoprotein of 55 kDa
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	500ug/mL (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against SKAP1. It has been selected for its ability to recognize SKAP1 in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) Immunogen: SKAP1 (MBS2034193)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) APC-CY7 Conjugated Antibody: SKAP1 (MBS2068553)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) PE Conjugated Antibody: SKAP1 (MBS2068554)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) APC Conjugated Antibody: SKAP1 (MBS2068555)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) Cy3 Conjugated Antibody: SKAP1 (MBS2068556)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) FITC Conjugated Antibody: SKAP1 (MBS2068557)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) HRP Conjugated Antibody: SKAP1 (MBS2068558)
Matching Pairs	Unconjugated Antibody: Src Kinase Associated Phosphoprotein 1 (MBS2033770) APC-CY7 Conjugated Secondary Antibody: Immunoglobulin G (MBS2090675)
Matching Pairs	Unconjugated Antibody: Src Kinase Associated Phosphoprotein 1 (MBS2033770) Unconjugated Secondary Antibody: Immunoglobulin G (MBS2090678)
Matching Pairs	Unconjugated Antibody: SKAP1 (MBS2033770) Biotin Conjugated Antibody: SKAP1 (MBS2094925)
Molecular Weight	40,903 Da
3D Structure	ModBase 3D Structure for Q4V7G1

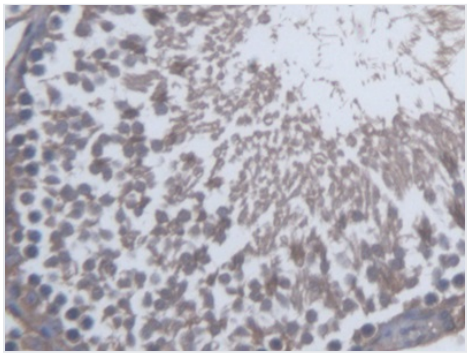
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Fragment	SKAP1 (Met1~Arg354)
Conjugate	No Conjugate
Cross Reactivity	Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant SKAP1 (Met1~Arg354) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as catalog #MBS2068555
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-SKAP1 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (EIA)
Application Notes for anti-SKAP1 antibody	Western blotting: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-1:5000
Related Product Information for anti-SKAP1 antibody	MBS2033770 is an antibody targeting SKAP1. Also known as Polyclonal Antibody to Src Kinase Associated Phosphoprotein 1 (SKAP1). Reactive in Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-SKAP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-SKAP1 antibody
Western Blot: Sample: Recombinant protein.



Immunohistochemistry (IHC) of anti-SKAP1 antibody
DAB staining on fromalin fixed paraffin- embedded spleen tissue)



Immunohistochemistry (IHC) of anti-SKAP1 antibody
DAB staining on IHC-P; Samples: Rat Testis Tissue)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SKAP1. It may not necessarily be applicable to this product.

NCBI GI #	67514574
NCBI GeneID	286975
NCBI Accession #	NP_775433.2
UniProt Primary Accession #	Q4V7G1
UniProt Secondary Accession #	Q8CHI6
UniProt Related Accession #	Q4V7G1
GenBank Nucleotide #	NM_173311.2
NCBI Official Full Name	src kinase-associated phosphoprotein 1
NCBI Official Synonym Full Names	src kinase associated phosphoprotein 1
NCBI Official Symbol	Skap1
NCBI Official Synonym Symbols	Scap1; Skap55
UniProt Protein Name	Src kinase-associated phosphoprotein 1
UniProt Synonym Protein Names	SKAP55 adapter protein; Src family-associated phosphoprotein 1; Src kinase-associated phosphoprotein of 55 kDa; SKAP-55; pp55
Protein Family	Src kinase-associated phosphoprotein
UniProt Gene Name	Skap1
UniProt Synonym Gene Names	Scap1; Skap55; SKAP-55
NCBI Protein Information	src kinase-associated phosphoprotein 1
NCBI Summary for SKAP1	cytoplasmic phosphoprotein; member of the src family of kinase enzymes; may associate with mast cell immunoreceptor signal transducer (MIST) [RGD, Feb 2006]
UniProt Comments for SKAP1	SKAP55: 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. Belongs to the SKAP family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Adaptor/scaffold; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 10q26-q31 Cellular Component: cytoplasm; cytosol; intercellular junction; nucleus; plasma membrane; T cell receptor complex Molecular Function: protein complex binding; protein kinase binding; protein phosphatase binding; SH2 domain binding; SH3/SH2 adaptor activity Biological Process: adaptive immune response; immune response-activating signal transduction; positive regulation of cell adhesion; positive regulation of signal transduction; positive regulation of transcription from RNA polymerase II promoter; positive regulation of transcription, DNA-templated; protein localization to plasma membrane; T cell receptor signaling pathway
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