

Rabbit SAR1B Polyclonal Antibody | anti-SAR1B antibody

SAR1B Antibody (Center)

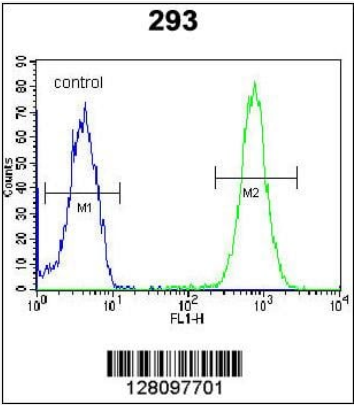
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285655	Rabbit	Human (Predicted Reactivity: Bovine, Hamster, Mouse, Pig, Rat)	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

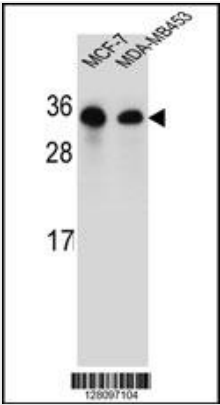
SAR1B; Polyclonal Antibody; SAR1B Antibody (Center); GTP-binding protein SAR1b; GTP-binding protein B; GTBPB; SARA2; SARB; anti-SAR1B antibody

PRODUCT SPECIFICATIONS

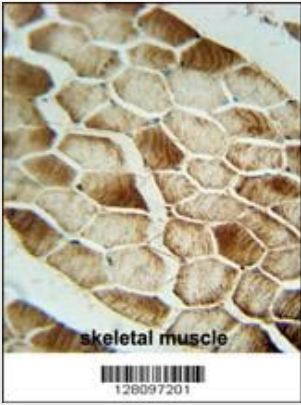
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Hamster, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SAR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-116 amino acids from the Central region of human SAR1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	89-116
Sequence Length	198
Applicable Applications for anti-SAR1B antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SAR1B Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SAR1B Antibody (Center) western blot analysis in MCF-7,MDA-MB453 cell line lysates (35ug/lane).This demonstrates the SAR1B antibody detected the SAR1B protein (arrow).



IHC (Immunohistochemistry)
SAR1B antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SAR1B antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-SAR1B antibody	The protein encoded by this gene is a small GTPase that acts as a homodimer. The encoded protein is activated by the guanine nucleotide exchange factor PREB and is involved in protein transport from the endoplasmic reticulum to the Golgi. This protein is part of the COPII coat complex. Defects in this gene are a cause of chylomicron retention disease (CMRD), also known as Anderson disease (ANDD). Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-SAR1B antibody	Signal Transduction
References	Cefalu, A.B., et al. Metab. Clin. Exp. 59(4):463-467(2010) Silvain, M., et al. Clin. Genet. 74(6):546-552(2008) Charcosset, M., et al. Mol. Genet. Metab. 93(1):74-84(2008) Jardim, D.L., et al. J. Biochem. Mol. Biol. 38(3):328-333(2005) Jones, B., et al. Nat. Genet. 34(1):29-31(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709204
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NCBI GeneID	51128
NCBI Accession #	NP_001028675.1; NP_057187.1
NCBI GenBank Nucleotide #	NM_001033503.2
UniProt Accession #	Q9Y6B6; Q567T4; D3DQA4
Molecular Weight	22410
NCBI Official Full Name	GTP-binding protein SAR1b
NCBI Official Synonym Full Names	secretion associated, Ras related GTPase 1B
NCBI Official Symbol	SAR1B
NCBI Official Synonym Symbols	ANDD; CMRD; GTBPB; SARA2
NCBI Protein Information	GTP-binding protein SAR1b
UniProt Protein Name	GTP-binding protein SAR1b
UniProt Gene Name	SAR1B
UniProt Synonym Gene Names	SARA2; SARB; GTBPB
UniProt Entry Name	SAR1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sar1b-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/285655>