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anti-SAR1B antibody (AA 89-116)



Images

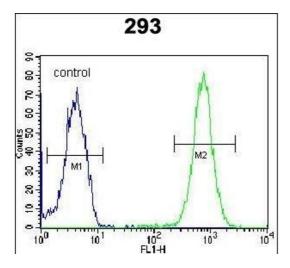


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Quantity:	400 μL	
Target:	SAR1B	
Binding Specificity:	AA 89-116	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SAR1B antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	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.	
Clone:	RB28097	
Isotype:	Ig Fraction	
Predicted Reactivity:	B, Ha, M, Pig, Rat	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	SAR1B	

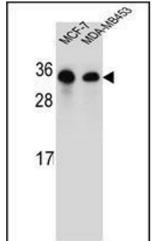
Target Details

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Alternative Name:	SAR1B (SAR1B Products)	
Background:	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.	
Molecular Weight:	22410	
Gene ID:	51128	
NCBI Accession:	NP_001028675, NP_057187	
UniProt:	Q9Y6B6	
Pathways:	Lipid Metabolism	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



Flow Cytometry

Image 1. SAR1B Antibody (Center) (ABIN654355 and ABIN2844120) 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.



Western Blotting

Image 2. SAR1B Antibody (Center) (ABIN654355 and ABIN2844120) western blot analysis in MCF-7,MDA-M cell line lysates ($35 \,\mu g$ /lane).This demonstrates the SAR1B antibody detected the SAR1B protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. SAR1B antibody (Center) (ABIN654355 and ABIN2844120) 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.