

Rabbit anti-Human CANT1 Polyclonal Antibody | anti-CANT1 antibody

CANT1 Antibody (N-term)

CATALOG # AAA283901	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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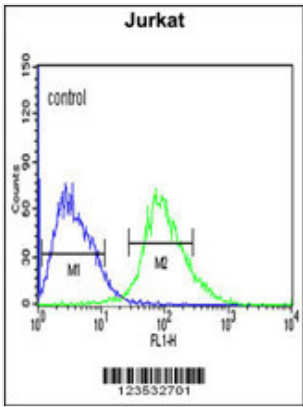
PRODUCT SYNONYMS

CANT1; Polyclonal Antibody; CANT1 Antibody (N-term); Soluble calcium-activated nucleotidase 1; SCAN-1; Apyrase homolog; Putative MAPK-activating protein PM09; Putative NF-kappa-B-activating protein 107; SHAPY; anti-CANT1 antibody

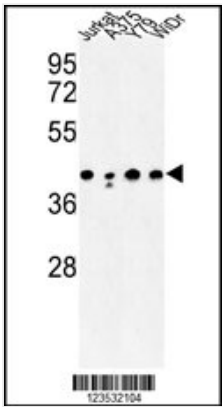
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CANT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CANT1.
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: 0.43 (varies by lot)
Sequence Positions	1-30
Sequence Length	350
Applicable Applications for anti-CANT1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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.

IMAGES



FCM/FACS (Flow Cytometry)
CANT1 Antibody (N-term) flow cytometric analysis of Jurkat 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)
Western blot analysis of CANT1 Antibody (N-term) in Jurkat, A375, Y79, WiDr cell line lysates (35ug/lane). CANT1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CANT1 antibody	CANT1 belongs to the apyrase family. It functions as a calcium-dependent nucleotidase with a preference for UDP.
Product Categories/Family for anti-CANT1 antibody	Signal Transduction
References	Dai,J., et.al., Cell 116 (5), 649-659 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	229577440
NCBI GeneID	124583
NCBI Accession #	NP_001153244.1 ; NP_001153245.1 ; NP_620148.1
NCBI GenBank Nucleotide #	NM_001159772.1
UniProt Accession #	Q8WVQ1 ; Q7Z2J7 ; Q8NG05 ; Q8NHP0 ; Q9BSD5 ; B4DJ54
Molecular Weight	44840
NCBI Official Full Name	soluble calcium-activated nucleotidase 1
NCBI Official Synonym Full Names	calcium activated nucleotidase 1
NCBI Official Symbol	CANT1
NCBI Official Synonym Symbols	DBQD; SCAN1; SHAPY; SCAN-1
NCBI Protein Information	soluble calcium-activated nucleotidase 1
UniProt Protein Name	Soluble calcium-activated nucleotidase 1
UniProt Gene Name	CANT1
UniProt Synonym Gene Names	SHAPY; SCAN-1
UniProt Entry Name	CANT1_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.

