

Anti-CANT1 Antibody

**Description**

This protein encoded by this gene belongs to the apyrase family. It functions as a calcium-dependent nucleotidase with a preference for UDP. Mutations in this gene are associated with Desbuquois dysplasia with hand anomalies. Alternatively spliced transcript variants have been noted for this gene.

Model STJ116092

Host Rabbit

Reactivity Human

Applications IF

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 102-401 of human CANT1 (NP_001153245.1).

Gene ID [124583](#)

Gene Symbol [CANT1](#)

Dilution range IF 1:50 - 1:100

Tissue Specificity Widely expressed

Purification Affinity purification

Note For Research Use Only (RUO).

Protein Name Soluble calcium-activated nucleotidase 1 SCAN-1

Molecular Weight 44.84 kDa

Clonality Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:19721 OMIM:251450 Reactome:R-HSA-6798695
Alternative Names	Soluble calcium-activated nucleotidase 1 SCAN-1
Function	Calcium-dependent nucleotidase with a preference for UDP, The order of activity with different substrates is UDP > GDP > UTP > GTP, Has very low activity towards ADP and even lower activity towards ATP, Does not hydrolyze AMP and GMP ,
Cellular Localization	Endoplasmic reticulum membrane,
Post-translational Modifications	N-glycosylated,

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