



# CANT1 Polyclonal Antibody

<b>Catalog No</b>	BYab-06684
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CANT1 SHAPY
<b>Protein Name</b>	Soluble calcium-activated nucleotidase 1 (SCAN-1) (EC 3.6.1.6) (Apyrase homolog) (Putative MAPK-activating protein PM09) (Putative NF-kappa-B-activating protein 107)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	CANT1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	44kD
<b>Cell Pathway</b>	Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane protein . Cell membrane . Processed form: Secreted.
<b>Tissue Specificity</b>	Widely expressed.
<b>Function</b>	catalytic activity:A nucleoside diphosphate + H(2)O = a nucleotide + phosphate.,cofactor:Calcium.,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.,miscellaneous:Not inhibited by azide.,PTM:N-glycosylated.,similarity:Belongs to the apyrase family.,subcellular location:Processed form: Secreted.,subunit:Monomer.,tissue specificity:Widely expressed.,

Nanjing BYabscience technology Co.,Ltd



<b>Background</b>	calcium activated nucleotidase 1(CANT1) Homo sapiens 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.[provided by RefSeq, Mar 2010],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

