



CANT1 Polyclonal Antibody

Catalog No	BYab-06684
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	CANT1 SHAPY
Protein Name	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)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CANT1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	44kD
Cell Pathway	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.
Tissue Specificity	Widely expressed.
Function	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.,

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Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

