DATASHEET

CANT1 Rabbit Polyclonal Antibody

CAT. NO. APA15209

KEY FEATURES

Target	CANT1	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

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 . Involved in proteoglycan synthesis .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CANT1
Specificity	Recognizes endogenous levels of CANT1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CANT1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27; Observed: 44 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	SHAPY; Soluble calcium-activated nucleotidase 1; SCAN-1; Apyrase homolog; Putative MAPK-activating protein PM09; Putative NF-kappa-B-activating protein 107
Gene Symbol	CANT1
Entrez Gene	124583(Human)
SwissProt	Q8WVQ1(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

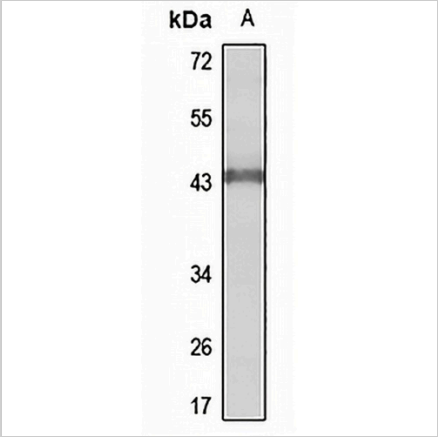
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis of CANT1 expression in U251MG (A) whole cell lysates. (Predicted band size: 27; 38; 44 kD; Observed band size: 44 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.