

Product datasheet for TA340308

CANT1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB

Reactivity: Human

Rabbit Host:

Isotype: lgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-CANT1 antibody: synthetic peptide directed towards the middle

region of human CANT1. Synthetic peptide located within the following region:

SPDFGDIAVSHVGAVVPTHGFSSFKFIPNTDDQIIVALKSEEDSGRVASY

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified Unconjugated Conjugation:

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 45 kDa

Gene Name: calcium activated nucleotidase 1

Database Link: NP 620148

Entrez Gene 124583 Human

Q8WVQ1

Background: CANT1 belongs to the apyrase family. It is a calcium-dependent nucleotidase with a

> preference for UDP. The order of activity with different substrates is UDP > GDP > UTP > GTP. The enzyme has very low activity towards ADP and even lower activity towards ATP. And it

does not hydrolyze AMP and GMP.

Synonyms: DBQD; DBQD1; SCAN-1; SCAN1; SHAPY



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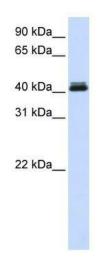
Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Guinea pig: 100%; Dog: 93%; Rabbit: 93%; Zebrafish: 93%

Protein Families: Secreted Protein

Protein Pathways: Purine metabolism, Pyrimidine metabolism

Product images:



WB Suggested Anti-CANT1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive

Control: Transfected 293T