

Rabbit Calcium Activated Nucleotidase 1 Polyclonal Antibody | anti-CANT1 antibody

Calcium Activated Nucleotidase 1 (CANT1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145030	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Calcium Activated Nucleotidase 1; Polyclonal Antibody; Calcium Activated Nucleotidase 1 (CANT1) Polyclonal Antibody; SCAN1; SHAPY; CAN1; Soluble Ca-Activated Nucleotidase; Isozyme 1; Apyrase homolog; Putative MAPK-activating protein PM09; Putative NF-kappa-B-activating protein 107; anti-CANT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CANT1. It has been selected for its ability to recognize CANT1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	401
Applicable Applications for anti-CANT1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Mouse
Fragment	CANT1 (Val111~Ile403)
Quality Control	Content: The quality control contains recombinant CANT1 (Val111~Ile403) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human A431 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse CANT1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	71043972
NCBI GeneID	76025
NCBI Accession #	NP_001020788.1
NCBI GenBank Nucleotide #	NM_001025617.2
UniProt Accession #	Q8VCF1; Q8C3R8; Q8C4T6; Q9D3F2; Q9D9R1; B1AQJ8
Molecular Weight	49,566 Da
NCBI Official Full Name	soluble calcium-activated nucleotidase 1 isoform a
NCBI Official Synonym Full Names	calcium activated nucleotidase 1
NCBI Official Symbol	Cant1
NCBI Official Synonym Symbols	Apy1h; Shapy; Entpd8; SCAN-1; D11Bwg0554e; 5830420C20Rik
NCBI Protein Information	soluble calcium-activated nucleotidase 1
UniProt Protein Name	Soluble calcium-activated nucleotidase 1
UniProt Gene Name	Cant1
UniProt Synonym Gene Names	SCAN-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.