

CANT1 Rabbit pAb

CatalogNo: YN1817

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 44kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

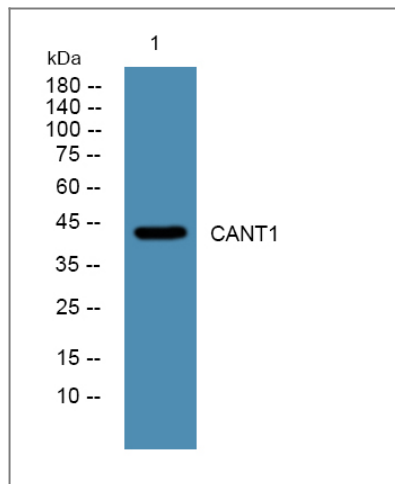
Specificity CANT1 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name CANT1 SHAPY

Protein Name	Soluble calcium-activated nucleotidase 1 (SCAN-1) (Apyrase homolog) (Putative MAPK-activating protein PM09) (Putative NF-kappa-B-activating protein 107)		
	Organism	Gene ID	UniProt ID
	Human	124583 ;	Q8WVQ1 ;
	Mouse		Q8VCF1 ;
	Rat		Q8K4Y7 ;
Cellular Localization	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.,		

Validation Data



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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