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KD-Validated Anti-PRKCSH Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1673

Product Information

Application	WB, FC
Primary Accession	P14314
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1325
Calculated MW	59425
Gene Name	PRKCSH
Aliases	PRKCSH; Protein Kinase C Substrate 80K-H; Glucosidase 2 Subunit Beta; VASAP-60; PKCSH; G19P1; GIIB; Protein Kinase C Substrate 60.1 KDa Protein Heavy Chain; Advanced Glycation End-Product Receptor 2; Glucosidase II Subunit Beta; Hepatocystin; GluIIbeta; GIIbeta; AGE-R2; 80K-H; PCLD; PLD1; Protein Kinase C Substrate, 80 Kda Protein; Glucosidase II Beta Subuni; Polycystic Liver Disease; AGE-Binding Receptor 2; 80K-H Protein; PCLD1
Immunogen	A synthesized peptide derived from human GLU2B

Additional Information

Gene ID	5589
Other Names	Glucosidase 2 subunit beta, 80K-H protein, Glucosidase II subunit beta, Protein kinase C substrate 60.1 kDa protein heavy chain, PKCSH, PRKCSH {ECO:0000303|PubMed:28375157, ECO:0000312|HGNC:HGNC:9411}

Protein Information

Name	PRKCSH {ECO:0000303|PubMed:28375157, ECO:0000312|HGNC:HGNC:9411}
Function	Regulatory subunit of glucosidase II that cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc(2)Man(9)GlcNAc(2) oligosaccharide precursor of immature glycoproteins (PubMed:10929008). Required for efficient PKD1/Polycystin-1 biogenesis and trafficking to the plasma membrane of the primary cilia (By similarity).
Cellular Location	Endoplasmic reticulum {ECO:0000255|PROSITE- ProRule:PRU10138, ECO:0000305|PubMed:10929008}