

Beta-glucosidase 2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51448

Product Information

Application	WB, ICC
Primary Accession	P14314
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59425

Additional Information

Gene ID	5589
Other Names	Glucosidase 2 subunit beta, 80K-H protein, Glucosidase II subunit beta, Protein kinase C substrate 601 kDa protein heavy chain, PKCSH, PRKCSH, G19P1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-glucosidase 2. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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}

Background

Regulatory subunit of glucosidase II.

References

Sakai K.,et al.Genomics 5:309-315(1989).
Ophoff R.A.,et al.Eur. J. Hum. Genet. 4:321-328(1996).
Pelletier M.F.,et al.Glycobiology 10:815-827(2000).
Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

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