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Glucosidase IIβ Polyclonal Antibody

Catalog # AP70102

Product Information

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

Additional Information

Gene ID	5589
Other Names	PRKCSH; G19P1; Glucosidase 2 subunit beta; 80K-H protein; Glucosidase II subunit beta; Protein kinase C substrate 60.1 kDa protein heavy chain; PKCSH
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

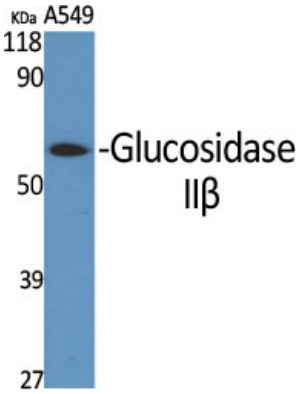
Protein Information

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}

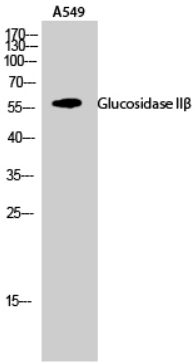
Background

Regulatory subunit of glucosidase II 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).

Images



Western Blot analysis of various cells using Glucosidase IIβ Polyclonal Antibody



Western Blot analysis of A549 cells using Glucosidase IIβ Polyclonal Antibody