

**Beta-glucosidase 2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51448****Specification**

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**Beta-glucosidase 2 Antibody - Product Information**

Application	<b>WB, ICC, E</b>
Primary Accession	<a href="#">P14314</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>59 KDa</b>

**Beta-glucosidase 2 Antibody - 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

**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

**Beta-glucosidase 2 Antibody - 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:&lt;a href="http://www.uniprot.org/citations/10929008" target="\_blank"&gt;10929008&lt;/a&gt;). 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}

**Beta-glucosidase 2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Beta-glucosidase 2 Antibody - Images**

### **Beta-glucosidase 2 Antibody - Background**

Regulatory subunit of glucosidase II.

### **Beta-glucosidase 2 Antibody - 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).