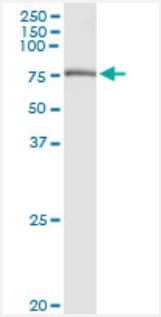
GBE1 (Human) IP-WB Antibody Pair

Catalog # H00002632-PW1 Size 1 Set

Applications



Immunoprecipitation of GBE1 transfected lysate using rabbit polyclonal anti-GBE1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GBE1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91%); Rat (91%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of GBE1 transfected lysate using rabbit polyclonal anti-GBE1 and Protein A Ma gnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GBE1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-GBE1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-GBE1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

  Protocol Download

Gene Info — GBE1

Entrez GeneID	2632
Gene Name	GBE1
Gene Alias	GBE
Gene Description	glucan (1,4-alpha-), branching enzyme 1
Omim ID	232500 607839
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a glycogen branching enzyme that catalyzes the transfer of alpha-1,4-linked glucosyl units from the outer end of a glycogen chain to an alpha-1,6 position on the same or a neighboring glycogen chain. Branching of the chains is essential to increase the solubility of the glycogen molecule and, consequently, in reducing the osmotic pressure within cells. Highest level of this enzyme are found in liver and muscle. Mutations in this gene are associated with glycogen storage disease IV (also known as Andersen's disease). [provided by RefSeq
Other Designations	amylo-(1,4 to 1,6) transglucosidase|amylo-(1,4 to 1,6) transglycosylase|glycogen branching enzyme|glycogen storage disease type IV

Pathway

- Metabolic pathways
- Starch and sucrose metabolism

Disease

- Asthma
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus

- Edema
- Genetic Predisposition to Disease
- Metabolic Diseases
- Metabolic Syndrome X
- Obesity
- Tobacco Use Disorder