

## GBE1 antibody

Catalog No: #39035

Package Size: #39035-1 50ul #39035-2 100ul

Orders: order@signalwayantibody.com

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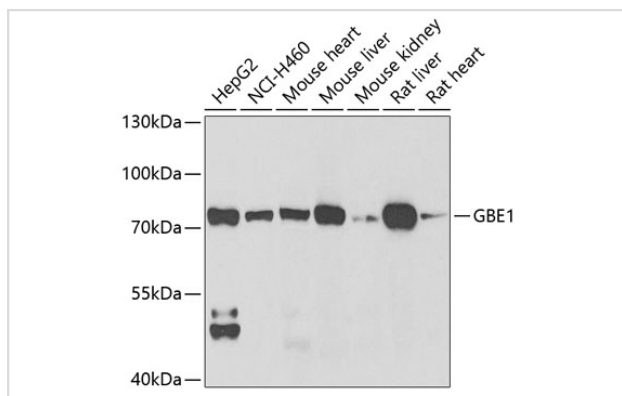
## Description

Product Name	GBE1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total GBE1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GBE1.
Target Name	GBE1
Other Names	GBE; APBD; GSD4;
Accession No.	Swiss-Prot#: Q04446NCBI Gene ID: 2632
Uniprot	Q04446
GeneID	2632;
SDS-PAGE MW	80kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using GBE1 at 1:1000 dilution.

## Background

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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).

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Note: This product is for in vitro research use only