

GBE1 Polyclonal Antibody

Catalog No.	A6599	Category	Polyclonal Antibodies
Applications	WB	Observed MW	75kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	80kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human GBE1 (NP_000149.3).
Gene ID	2632
Swiss prot	Q04446
Synonyms	GBE1; APBD; GBE; GSD4; 1,4-alpha-glucan-branching enzyme

Product information

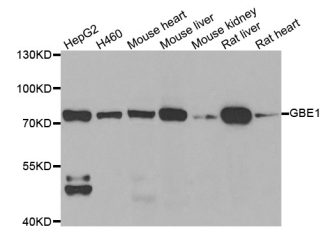
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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).

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - GBE1 Polyclonal Antibody (A6599)