

GBE1 Antibody (Center)

Catalog_no :	AB2696
Reactivity :	H, M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:527-556
Specificity :	This GBE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 527-556 amino acids from the Central region of human GBE1.
Dilution :	WB,1:1000;WB,1:1000;IF,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	4-alpha-glucan-branching enzyme, Brancher enzyme, Glycogen-branching enzyme, GBE1
Isotype :	Rabbit Ig
Background :	GBE1 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).
reference :	Konstantinidou, A.E., et al. Placenta 29(4):378-381(2008) Massa, R., et al. Muscle Nerve 37(4):530-536(2008) Bruno, C., et al. Acta Myol 26(1):75-78(2007)