

G6PD Antibody (Center)

Catalog_no :	AB2257
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:297-326
Specificity :	This G6PD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 297-326 amino acids from the Central region of human G6PD.
Dilution :	WB,1:1000;IHC-P,1:50~100;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	Glucose-6-phosphate 1-dehydrogenase, G6PD, G6PD
Isotype :	Rabbit Ig
Background :	G6PD encodes glucose-6-phosphate dehydrogenase. This protein is a cytosolic enzyme encoded by a housekeeping X-linked gene whose main function is to produce NADPH, a key electron donor in the defense against oxidizing agents and in reductive biosynthetic reactions. G6PD is remarkable for its genetic diversity. Many variants of G6PD, mostly produced from missense mutations, have been described with wide ranging levels of enzyme activity and associated clinical symptoms. G6PD deficiency may cause neonatal jaundice, acute hemolysis, or severe chronic non-spherocytic hemolytic anemia.
reference :	Louicharoen, C., et al. Science 326(5959):1546-1549(2009) Zhong, D.N., et al. Zhongguo Dang Dai Er Ke Za Zhi 11(12):970-972(2009) Tiono, A.B., et al. Am. J. Trop. Med. Hyg. 81(6):969-978(2009)