

FPGS Antibody (Center)

Catalog_no :	AB2461
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:304-330
Specificity :	This FPGS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-330 amino acids from the Central region of human FPGS.
Dilution :	WB,1:1000;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 purified through a protein A column, followed by peptide affinity purification.
Other_name :	Folylpolyglutamate synthase, mitochondrial, Folylpolylgamma-glutamate synthetase, FPGS, Tetrahydrofolylpolyglutamate synthase, Tetrahydrofolate synthase, FPGS
Isotype :	Rabbit Ig
Background :	FPGS is the folylpolyglutamate synthetase enzyme. This enzyme has a central role in establishing and maintaining both cytosolic and mitochondrial folylpolyglutamate concentrations and, therefore, is essential for folate homeostasis and the survival of proliferating cells. This enzyme catalyzes the ATP-dependent addition of glutamate moieties to folate and folate derivatives.
reference :	Sharma,S., et.al., Pharmacogenet. Genomics 18 (12), 1041-1049 (2008)