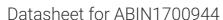
antibodies -online.com





anti-FPGS antibody (AA 51-150) (Biotin)



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Quantity:	100 μL
Target:	FPGS
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FPGS antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FPGS/Folylpolyglutamate synthase
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FPGS
Alternative Name:	FPGS/Folylpolyglutamate synthase (FPGS Products)
Background:	Synonyms: EC 6.3.2.17, FOLC, FOLC_HUMAN, Folylpoly gamma glutamate synthetase,

Folylpoly-gamma-glutamate synthetase, Folylpolyglutamate synthase, Folylpolyglutamate
synthase mitochondrial, FPGS, mitochondrial, OTTHUMP00000022201,
${\tt OTTHUMP00000022202, Tetrahydrofolate\ synthase, Tetrahydrofolylpolyglutamate\ synthase.}$
Background: This gene encodes 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. While several transcript variants may exist for this gene, the full-
length natures of only two have been biologically validated to date. These two variants encode
distinct isoforms. [provided by RefSeq, Jul 2008].

Gene ID:

2356

Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400 IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months