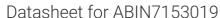
# antibodies - online.com





## anti-FPGS antibody (AA 443-546) (Biotin)



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$\cup$	1 410 44

Quantity:	100 μg
Target:	FPGS
Binding Specificity:	AA 443-546
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FPGS antibody is conjugated to Biotin
Application:	ELISA

## **Product Details**

Immunogen:	Recombinant Human Folylpolyglutamate synthase, mitochondrial protein (443-546AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	FPGS
Alternative Name:	FPGS (FPGS Products)
Background:	Background: Catalyzes conversion of folates to polyglutamate derivatives allowing
	concentration of folate compounds in the cell and the intracellular retention of these cofactors,

### **Target Details**

which are important substrates for most of the folate-dependent enzymes that are involved in one-carbon transfer reactions involved in purine, pyrimidine and amino acid synthesis.

Unsubstituted reduced folates are the preferred substrates. Metabolizes methotrexate (MTX) to polyglutamates.

Aliases: EC 6.3.2.17 antibody, FOLC antibody, FOLC\_HUMAN antibody, Folylpoly gamma glutamate synthetase antibody, Folylpoly-gamma-glutamate synthetase antibody, Folylpolyglutamate synthase mitochondrial antibody, FPGS antibody, mitochondrial antibody, OTTHUMP00000022201 antibody, OTTHUMP00000022202 antibody, Tetrahydrofolate synthase antibody,

Tetrahydrofolylpolyglutamate synthase antibody

UniProt:

Q05932

### **Application Details**

Storage Comment:

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.