antibodies.com

## Datasheet for ABIN7153021 anti-FPGS antibody (AA 443-546) (HRP)



Overview

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

## Product Details

Immunogen:	Recombinant Human Folylpolyglutamate synthase, mitochondrial protein (443-546AA)
Isotype:	lgG
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,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN7153021 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	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 antibody, Folylpolyglutamate synthase mitochondrial antibody,
	FPGS antibody, mitochondrial antibody, OTTHUMP00000022201 antibody,
	OTTHUMP0000022202 antibody, Tetrahydrofolate synthase antibody,
	Tetrahydrofolylpolyglutamate synthase antibody
UniProt:	Q05932
Application Details	
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
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.