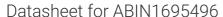
antibodies -online.com







anti-FPGS antibody (AA 51-150) (AbBy Fluor® 488)



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Quantity:	100 μL	
Target:	FPGS	
Binding Specificity:	AA 51-150	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	ate: This FPGS antibody is conjugated to AbBy Fluor® 488	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

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:	skground: 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:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months