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Datasheet for ABIN1711961  
**anti-FPGS antibody (AA 51-150) (HRP)**

### Overview

Quantity:	100 µL
Target:	FPGS
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FPGS antibody is conjugated to HRP
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/Folylpolylglutamate synthase
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	FPGS
Alternative Name:	FPGS/Folylpolylglutamate synthase ( <a href="#">FPGS Products</a> )
Background:	Synonyms: EC 6.3.2.17, FOLC, FOLC_HUMAN, Folylpolyl gamma glutamate synthetase,

## Target Details

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Folypoly-gamma-glutamate synthetase, Folypolyglutamate synthase, Folypolyglutamate synthase mitochondrial, FPGS, mitochondrial, OTTHUMP00000022201, OTTHUMP00000022202, Tetrahydrofolate synthase, Tetrahydrofolypolyglutamate synthase. Background: This gene encodes the folypolyglutamate synthetase enzyme. This enzyme has a central role in establishing and maintaining both cytosolic and mitochondrial folypolyglutamate 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 nature of only two have been biologically validated to date. These two variants encode distinct isoforms. [provided by RefSeq, Jul 2008].

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Gene ID: 2356

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months