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Datasheet for ABIN7444802
anti-FPGS antibody (AA 210-439)

4 Images

Overview

Quantity:	100 µL
Target:	FPGS
Binding Specificity:	AA 210-439
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FPGS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Folylpolyglutamate Synthase, Mitochondrial (FPGS)
Immunogen:	Recombinant Folylpolyglutamate Synthase, Mitochondrial (FPGS) corresponding to Thr210~Cys439 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FPGS. It has been selected for its ability to recognize FPGS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	FPGS
Alternative Name:	Folypolyglutamate Synthase, Mitochondrial (FPGS Products)
Background:	Folypoly-gamma-glutamate synthetase, Tetrahydrofolypolyglutamate synthase, Tetrahydrofolate synthase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

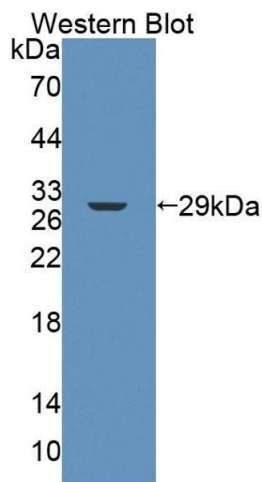
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



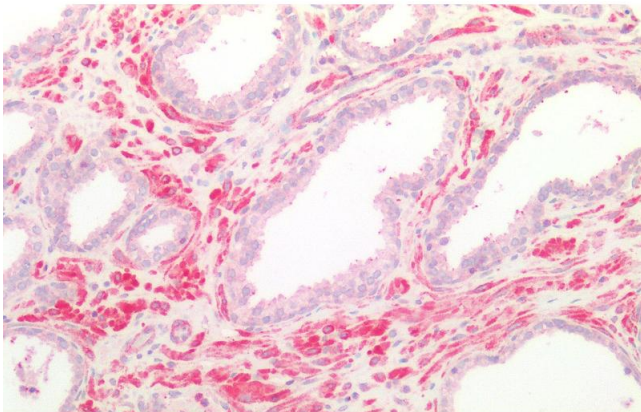
Western Blotting

Image 1. Detection of FPGS in Human Hela cell lysate using Polyclonal Antibody to Folylpolyglutamate Synthase, Mitochondrial (FPGS)



Western Blotting

Image 2. Detection of Recombinant FPGS, Mouse using Polyclonal Antibody to Folylpolyglutamate Synthase, Mitochondrial (FPGS)



Immunohistochemistry

Image 3. Detection of FPGS in Human Smooth muscle of Prostate Tissue using Polyclonal Antibody to Folylpolyglutamate Synthase, Mitochondrial (FPGS)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7444802.