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Datasheet for ABIN6977658

anti-ZGPAT antibody (AA 431-531) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ZGPAT
Binding Specificity:	AA 431-531
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZGPAT antibody is conjugated to Alexa 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 ZGPAT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ZGPAT
Alternative Name:	ZGPAT (ZGPAT Products)

Target Details

Background:	<p>Synonyms: dJ583P15.3, FLJ14972, G patch domain-containing protein 6, GPATC6, GPATCH6, KIAA1847, MGC44880, RP4 583P15.3, ZC3H9, ZC3HDC9, ZGPAT, ZGPAT_HUMAN, Zinc finger and G patch domain-containing protein, Zinc finger CCCH domain-containing protein 9, Zinc finger CCCH type with G patch domain1, Zinc finger CCCH-type with G patch domain-containing protein, ZIP.</p> <p>Background: ZGPAT is a 531 amino acid protein that contains a G-patch domain, which is typically found within RNA-binding proteins. Proteins that contain the G-patch domain include some tumor suppressor and DNA-damage repair proteins. ZGPAT also contains one C3H1-type zinc finger, which further supports its probable role as an RNA-binding protein. The gene encoding ZGPAT is inactivated via differential methylation in a oligodendroglioma cell line, suggesting that ZGPAT may have utility as a biomarker. There are two isoforms of ZGPAT that are produced as a result of alternative splicing events.</p>
Gene ID:	84619
UniProt:	Q8N5A5
Pathways:	EGFR Signaling Pathway

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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months