

For Research Use Only

ZGPAT Polyclonal antibody

Catalog Number: 23203-1-AP



Basic Information

Catalog Number: 23203-1-AP	GenBank Accession Number: BC032612	Purification Method: Antigen Affinity purified
Size: 700 µg/ml	GeneID (NCBI): 84619	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8N5A5	
Isotype: IgG	Full Name: zinc finger, CCCH-type with G patch domain	
Immunogen Catalog Number: AG19620	Calculated MW: 531 aa, 57 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : L02 cells, HepG2 cells,
Species Specificity: human	

Background Information

ZGPAT (Zinc finger CCCH-type with G patch domain-containing protein), also known as zinc finger CCCH domain-containing protein 9 (ZC3HDC9) and G patch domain-containing protein 6 (GPATC6), 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 several isoforms of ZGPAT that are produced as a result of alternative splicing events.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 23203-1-AP (ZGPAT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.