

**ZGPAT antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12144****Specification**

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**ZGPAT antibody - middle region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q8N5A5</a>                                |
| Other Accession   | <a href="#">NM_032527</a> , <a href="#">NP_115916</a> |
| Reactivity        | Human                                                 |
| Predicted         | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 57kDa KDa                                             |

**ZGPAT antibody - middle region - Additional Information****Gene ID** 84619**Alias Symbol** GPATC6, GPATCH6, KIAA1847, MGC44880, ZC3H9, ZC3HDC9, ZIP, RP4-583P15.3**Other Names**

Zinc finger CCCH-type with G patch domain-containing protein, G patch domain-containing protein 6, Zinc finger CCCH domain-containing protein 9, Zinc finger and G patch domain-containing protein, ZGPAT, GPATC6, GPATCH6, KIAA1847, ZC3H9, ZC3HDC9, ZIP

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ZGPAT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ZGPAT antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**ZGPAT antibody - middle region - Protein Information****Name** ZGPAT**Synonyms** GPATC6, GPATCH6, KIAA1847, ZC3H9, ZC3HDC**Function**

Transcription repressor that specifically binds the 5'- GGAG[GA]A[GA]A-3' consensus sequence. Represses transcription by recruiting the chromatin multiprotein complex NuRD to target promoters. Negatively regulates expression of EGFR, a gene involved in cell proliferation, survival and migration. Its ability to repress genes of the EGFR pathway suggest it may act as a tumor

suppressor. Able to suppress breast carcinogenesis.

**Cellular Location**

Nucleus.

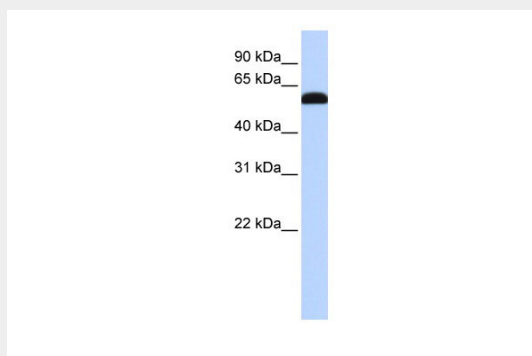
**Tissue Location**

Widely expressed..

**ZGPAT antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

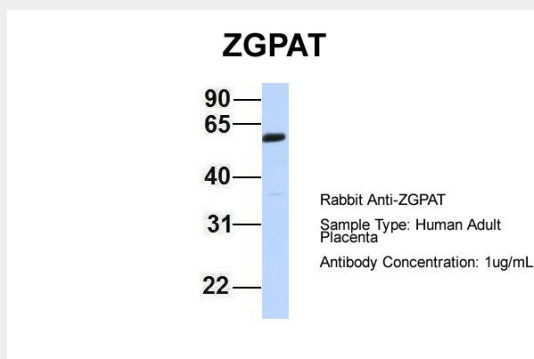
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ZGPAT antibody - middle region - Images**

WB Suggested Anti-ZGPAT Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Liver

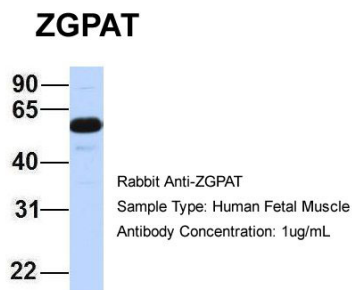


Host:Rabbit

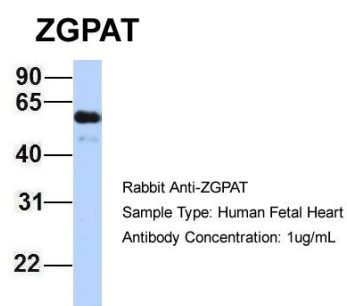
Target Name:ZGPAT

Sample Tissue:Human Adult Placenta

Antibody Dilution: 1.0µg/ml



Host: Rabbit  
Target Name: ZGPAT  
Sample Tissue: Human Fetal Muscle  
Antibody Dilution: 1.0µg/ml



Host: Rabbit  
Target Name: ZGPAT  
Sample Tissue: Human Fetal Heart  
Antibody Dilution: 1.0µg/ml

### **ZGPAT antibody - middle region - References**

Olsen, J.V., (2006) Cell 127(3), 635-648 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.