

ZGPAT Antibody (C-Terminus)
Chicken Polyclonal Antibody
Catalog # ALS15885**Specification**

ZGPAT Antibody (C-Terminus) - Product Information

Application	IHC, IF, WB
Primary Accession	Q8N5A5
Reactivity	Human
Host	Chicken
Clonality	Polyclonal
Calculated MW	57kDa KDa

ZGPAT Antibody (C-Terminus) - Additional Information**Gene ID** 84619**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

Target/Specificity

Human ZGPAT. Multiple isoforms of ZGPAT are known to exist.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

ZGPAT Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ZGPAT Antibody (C-Terminus) - 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.

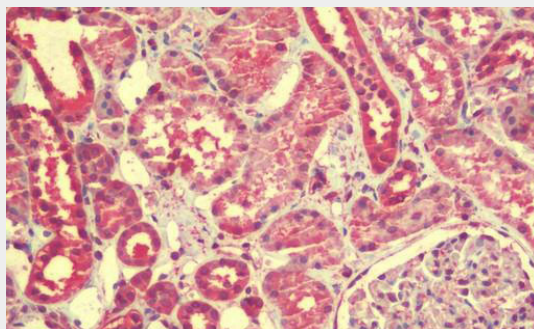
Tissue Location

Widely expressed..

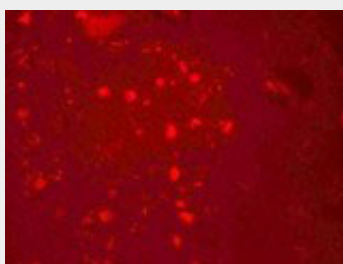
ZGPAT Antibody (C-Terminus) - Protocols

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

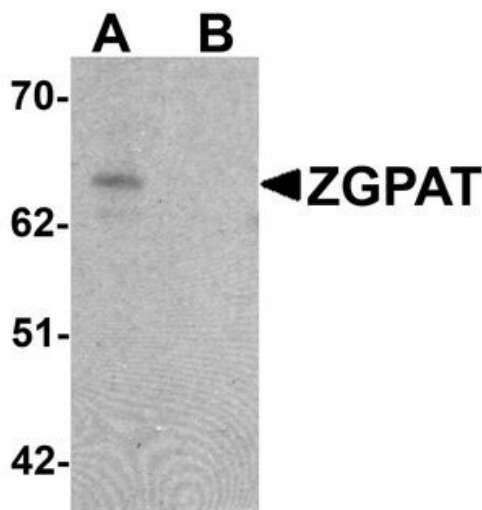
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZGPAT Antibody (C-Terminus) - Images

Anti-ZGPAT antibody IHC staining of human kidney.



Immunofluorescence of ZGPAT in human brain cells with ZGPAT antibody at 20 µg/mL.



Western blot analysis of ZGPAT in SK-N-SH cell lysate with ZGPAT antibody at 1 ug/ml in (A) the...

ZGPAT Antibody (C-Terminus) - Background

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.

ZGPAT Antibody (C-Terminus) - References

Nagase T.,et al.DNA Res. 8:85-95(2001).
Ohara O.,et al.Submitted (JUN-2009) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.