

## Anti-ZGPAT Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Rabbit)
Molecular Weight:	Theoretical: 57 kDa. Actual: 57 kDa.
Purification:	Protein A purified

## Applications

Sample:	HepG2 (Human) Cell Lysate at 30 µg Liver (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-ZGPAT (TMAB-14314) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 57 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZGPAT
Antigen Species:	Human
Gene ID:	84619
Uniprot ID:	Q8N5A5

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481