

# ZMAT3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21813c

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9HA38</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB53361
<b>Calculated MW</b>	32059

## Additional Information

---

<b>Gene ID</b>	64393
<b>Other Names</b>	Zinc finger matrin-type protein 3, Zinc finger protein WIG-1, p53-activated gene 608 protein, ZMAT3 {ECO:0000312   EMBL:AAH028961}
<b>Target/Specificity</b>	This ZMAT3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 170-204 amino acids from the Central region of human ZMAT3.
<b>Dilution</b>	WB~~1:8000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	ZMAT3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	ZMAT3 {ECO:0000312   EMBL:AAH02896.1}
<b>Function</b>	Acts as a bona fide target gene of p53/TP53. May play a role in the TP53-dependent growth regulatory pathway. May contribute to TP53-mediated apoptosis by regulation of TP53 expression and translocation to the nucleus and nucleolus.

**Cellular Location**

Nucleus. Nucleus, nucleolus

**Tissue Location**

Highly expressed in adult brain, and moderately in adult kidney and testis. Not detected in fetal brain, heart, pancreas, adrenal gland, liver or small intestine.

## Background

---

Acts as a bona fide target gene of p53/TP53. May play a role in the TP53-dependent growth regulatory pathway. May contribute to TP53-mediated apoptosis by regulation of TP53 expression and translocation to the nucleus and nucleolus.

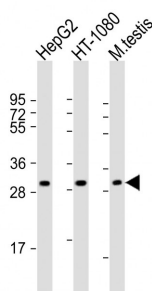
## References

---

Varmeh-Ziaie S.,et al.Cancer Lett. 174:179-187(2001).  
Hellborg F.,et al.Oncogene 20:5466-5474(2001).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

## Images

---



All lanes : Anti-ZMAT3 Antibody (Center) at 1:8000 dilution Lane 1: HepG2 whole cell lysate Lane 2: HT-1080 whole cell lysate Lane 3: mouse testis lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## Citations

---

- [The p53-induced RNA-binding protein ZMAT3 is a splicing regulator that inhibits the splicing of oncogenic CD44 variants in colorectal carcinoma](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.