

ZMAT3 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21813c**Specification**

ZMAT3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9HA38
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	32059

ZMAT3 Antibody (Center) - Additional Information**Gene ID** 64393**Other Names**

Zinc finger matrin-type protein 3, Zinc finger protein WIG-1, p53-activated gene 608 protein, ZMAT3 {ECO:0000312|EMBL:AAH028961}

Target/Specificity

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.

Dilution

WB~~1:8000

Format

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.

Storage

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.

Precautions

ZMAT3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ZMAT3 Antibody (Center) - Protein Information**Name** ZMAT3 {ECO:0000312|EMBL:AAH02896.1}**Function** 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

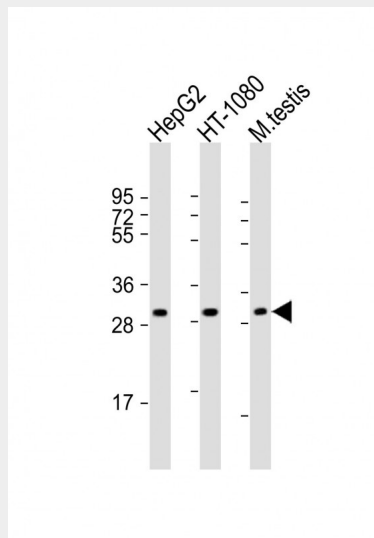
Highly expressed in adult brain, and moderately in adult kidney and testis. Not detected in fetal brain, heart, pancreas, adrenal gland, liver or small intestine.

ZMAT3 Antibody (Center) - 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](#)

ZMAT3 Antibody (Center) - 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% NFD/MTBST.

ZMAT3 Antibody (Center) - 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.

ZMAT3 Antibody (Center) - 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.

ZMAT3 Antibody (Center) - Citations

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