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ZMAT3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21813c

Product Information

Application	WB, E
Primary Accession	Q9HA38
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53361
Calculated MW	32059

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 E~~Use at an assay dependent concentration.
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.

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.

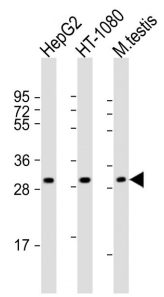
Background

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'.