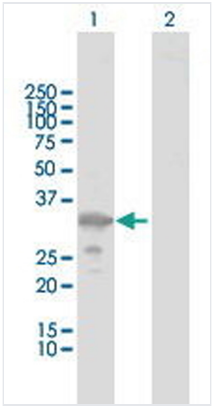
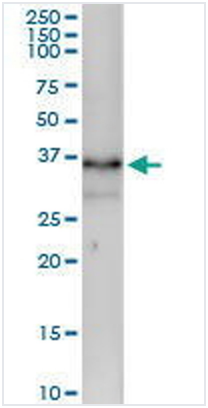
ZMAT3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZMAT3, Polyclonal Antibody
Full Product Name	ZMAT3 (Zinc Finger Matrin-type Protein 3, p53-activated Gene 608 Protein , PAG608, Zinc Finger Protein WIG-1, WIG1)
Product Gene Name	anti-Zmat3 antibody
Product Synonym Names	Anti -ZMAT3 (Zinc Finger Matrin-type Protein 3, p53-activated Gene 608 Protein, PAG608, Zinc Finger Protein WIG-1, WIG1)
Immunogen Sequence	MILLQHAVLP PPKQPSPSPP MSVATRSTGT LQLPPQKPFG QEASLPLAGE EELSKGGEQD CALEELCKPL YCKLCNVTLN SAQQAQAHYQ GKNHGKKLRN YYAANSCPPP ARMSNVVEPA ATPVVPVPPQ MGSFKPGGRV ILATENDYCK LCDASFSSPA VAQAHYQGKN HAKRLRLAEA QSNSFSESSE LGQRRARKEG NEFKMMPNRR NMYTVQNNSA GPYFNPRSRQ RIPRDLAMCV TPSGQFYCSM CNVGAGEEME FRQHLESKQH KSKVSEQRYR NEMENLGYV
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid.
Purity/Purification	Serum Serum
Specificity	Recognizes human ZMAT3.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	32,001 Da
Chromosome Location	Chromosome: 3; NC_000069.6 (32334792..32365665, complement). Location: 3; 3 B
3D Structure	ModBase 3D Structure for O54836
Immunogen	Full length human ZMAT3, aa1-289 (NP_071915.1).
Product Categories/Family for anti-Zmat3 antibody	Antibodies; Abs to Binding Proteins
Applications Tested/Suitable for anti-Zmat3 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-Zmat3 antibody	Suitable for use in Western Blot and Immunoprecipitation.
Related Product Information for anti-Zmat3 antibody	MBS643262 is an antibody targeting Zmat3. Also known as ZMAT3 (Zinc Finger Matrin-type Protein 3, p53-activated Gene 608 Protein , PAG608, Zinc Finger Protein WIG-1, WIG1). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-Zmat3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-Zmat3 antibody
Western Blot analysis of ZMAT3 expression in transfected 293T cell line by ZMAT3 polyclonal antibody. Lane 1: ZMAT3 transfected lysate (32.1kD). Lane 2: Non-transfected lysate.



Immunoprecipitation (IP) of anti-Zmat3 antibody
Immunoprecipitation of ZMAT3 transfected lysate using ZMAT3 rabbit polyclonal antibody and Protein A Magnetic Bead and immunoblotted with ZMAT3 mouse polyclonal antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Zmat3. It may not necessarily be applicable to this product.

NCBI GI #	81861262
NCBI GeneID	22401
NCBI Accession #	O54836.1
UniProt Primary Accession #	O54836
UniProt Related Accession #	O54836
NCBI Official Full Name	Zinc finger matrin-type protein 3
NCBI Official Synonym Full Names	zinc finger matrin type 3
NCBI Official Symbol	Zmat3
NCBI Official Synonym Symbols	Wig1
UniProt Protein Name	Zinc finger matrin-type protein 3
UniProt Synonym Protein Names	Wild-type p53-induced gene 1 protein; Zinc finger protein WIG-1; p53-activated gene 608 protein
Protein Family	Zinc finger matrin-type protein
UniProt Gene Name	Zmat3
UniProt Synonym Gene Names	Pag608; Wig1
UniProt Entry Name	ZMAT3_MOUSE
NCBI Protein Information	zinc finger matrin-type protein 3; zinc finger protein WIG-1; p53-activated gene 608 protein; wild-type p53-induced gene 1 protein
UniProt Comments for Zmat3	ZMAT3: 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. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleolus Cellular Component: nucleolus; nucleus Molecular Function: nucleic acid binding; zinc ion binding; RNA binding; metal ion binding Biological Process: protein transport; transport; positive regulation of apoptosis; apoptosis; regulation of growth; negative regulation of cell growth; response to DNA damage stimulus

Research Articles on Zmat3	**1.** The Xpa/p53+/- mouse model is an excellent candidate for a future replacement of the chronic mouse bioassay for certain classes of carcinogens.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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