



# ZMAT3 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05022
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ZMAT3 PAG608 WIG1
<b>Protein Name</b>	Zinc finger matrin-type protein 3 (Zinc finger protein WIG-1) (p53-activated gene 608 protein)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 210-290
<b>Specificity</b>	ZMAT3 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	31kD
<b>Cell Pathway</b>	Nucleus . Nucleus, nucleolus .
<b>Tissue Specificity</b>	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.
<b>Function</b>	function:Acts as a bona fide target gene of p53. May play a role in the p53-dependent growth regulatory pathway. May contribute to p53-mediated apoptosis by regulation of p53 expression and translocation to the nucleus and nucleolus.,induction:By DNA damage in a p53-dependent manner. Up-regulated following ionizing radiation in primary squamous cell carcinoma of the lung and in various colon cancer cell lines.,similarity:Contains 3 matrin-type zinc fingers.,subunit:Interacts with dsRNA.,tissue specificity: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.,
<b>Background</b>	This gene encodes a protein containing three zinc finger domains and a nuclear localization signal. The mRNA and the protein of this gene are upregulated by wildtype p53 and overexpression of this gene inhibits tumor cell growth, suggesting that this gene may have a role in the p53-dependent growth regulatory pathway. Alternative splicing of this gene results in two transcript variants encoding two isoforms differing in only one amino acid. [provided by RefSeq, Jul

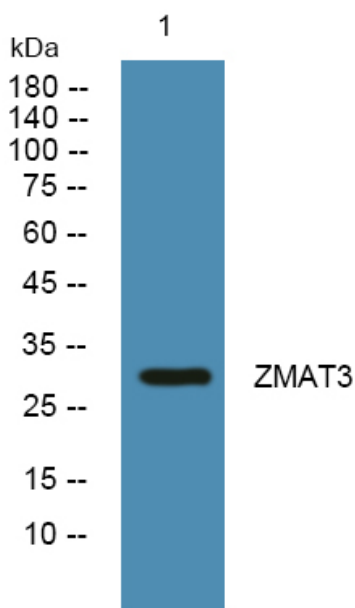
2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night