ZMAT3 Monoclonal Antibody

Catalog No	YP-mAb-05022
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ZMAT3 PAG608 WIG1
Protein Name	Zinc finger matrin-type protein 3 (Zinc finger protein WIG-1) (p53-activated gene 608 protein)
Immunogen	Synthesized peptide derived from human protein . at AA range: 210-290
Specificity	ZMAT3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	31kD
Cell Pathway	Nucleus . Nucleus, nucleolus .
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.
Function	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.,
Background	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.

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