Datasheet for ABIN1399843 anti-PMS1 antibody (AA 245-350) (Biotin)

antibodies.com



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Quantity:	100 μL	
Target:	PMS1	
Binding Specificity:	AA 245-350	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PMS1 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PMS1
Isotype:	lgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	PMS1
Alternative Name:	PMS1 (PMS1 Products)
Background:	Synonyms: DNA mismatch repair protein PMS1, HNPCC3, hPMS1, Human homolog of yeast

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Preservative:

Storage:

Precaution of Use:

ProClin

-20 °C

handled by trained staff only.

	mutL, Mismatch repair gene PMSL1, pms1, PMS1 postmeiotic segregation increased 1 S. cerevisiae, PMS1 postmeiotic segregation increased 1, PMS1 protein homolog 1,
	PMS1_HUMAN, PMSL1, Rhabdomyosarcoma antigen MU RMS 40.10B, Rhabdomyosarcoma antigen MU RMS 40.10E.
	Background: The finding that mutations in DNA mismatch repair genes are associated with
	hereditary nonpolyposis colorectal cancer (HNPCC) has resulted in considerable interest in the
	understanding of the mechanism of DNA mismatch repair. Initially, inherited mutations in the
	MSH2 and MLH1 homologs of the bacterial DNA mismatch repair genes MutS and MutL were
	demonstrated at high frequency in HNPCC and were shown to be associated with
	microsatellite instability. The demonstration that 10 to 45 % of pancreatic, gastric, breast,
	ovarian and small cell lung cancers also display microsatellite instability has been interpreted to
	suggest that DNA mismatch repair is not restricted to HNPCC tumors but is a common feature
	in tumor initiation or progression. Two additional homologs of the prokaryotic MutL gene,
	designated PMS1 and PMS2, have been identified and shown to be mutated in the germline of
	HNPCC patients.
Gene ID:	5378
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.

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This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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