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Datasheet for ABIN731828
anti-PSMD14 antibody (AA 101-200)

Overview

Quantity:	100 µL
Target:	PSMD14
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD14 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAD1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PSMD14
Alternative Name:	MAD1 (PSMD14 Products)

Target Details

Background:	<p>Synonyms: mitosis arrest deficiency 1, hMAD1, HsMAD1, MAD1L1, Mitotic arrest deficient 1, Mitotic checkpoint MAD1 protein homolog, Mitotic spindle assembly checkpoint protein MAD1, PIG9, Tax binding protein 181, TP53I9 , Tumor protein p53 inducible protein 9, TXBP181, MD1L1_HUMAN.</p> <p>Background: spindle microtubules. The checkpoint works by inhibiting the activity of the anaphase promoting complex, thereby preventing the degradation of several cell cycle regulators. Like other spindle checkpoint mutants, MAD1 loss-of-function mutants are sensitive to benomyl and cannot delay cell division in response to spindle depolymerization. Mad1p becomes hyperphosphorylated upon spindle depolymerization.</p>
Gene ID:	8379
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , M Phase , Positive Regulation of Endopeptidase Activity , Synthesis of DNA , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months