Datasheet for ABIN5689887

anti-ATM Interactor antibody (AA 200-250)

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Overview

Quantity:	0.1 mg
Target:	ATM Interactor (ATMIN)
Binding Specificity:	AA 200-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATM Interactor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	ATMIN antibody was raised against a 19 amino acid peptide near the amino terminus of human ATMIN. The immunogen is located within amino acids 200 - 250 of ATMIN.
Isotype:	IgG
Specificity:	ATMIN antibody is human, mouse and rat reactive. At least three isoforms of ATMIN are known to exist.
Purification:	ATMIN antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ATM Interactor (ATMIN)

Target Details

Alternative Name:	ATMIN (ATMIN Products)
Background:	The ATM/ATR-substrate CHK2-interacting zinc finger protein (ATMIN), also known as ASCIZ, forms DNA damage-induced nuclear foci that contain the DNA repair protein Rad51 (1). ATMIN is also thought to be involved in embryonic development, as an absence of ATMIN causes late-embryonic lethality in mice with a range of organ development defects (2). It also activates the transcription DYNLL1, a light chain of the dynein motor complex and sequence-specific regulator of protein dimerization of numerous targets. DYNLL1 can bind to and inhibit the transcription activation domain of ATMIN, forming a simple dynamic feedback loop for DYNLL1 expression (3).
Molecular Weight:	Predicted: 73, 79, 91 kDa Observed: 72 kDa
Gene ID:	23300
NCBI Accession:	NP_056066
UniProt:	O43313

Application Details

Application Notes:	ATMIN antibody can be used for detection of ATMIN by Western blot at 1 - 2 µ,g/mL. Antibody can also be used for Immunocytochemistry at 5 µ,g/mL. For Immunoflorescence start at 2.5 µ, g/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ATMIN Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	ATMIN antibody can be stored at 4°C for three months and -20°C, stable for up to one year.