

ATMIN antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10370

Product Information

Application	WB
Primary Accession	O43313
Other Accession	NM_015251 , NP_056066
Reactivity	Human, Mouse, Rat, Dog, Bovine
Predicted	Human, Mouse, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88348

Additional Information

Gene ID	23300
Alias Symbol Other Names	ASCIZ, DKFZp779K1455, FLJ76795, KIAA0431, znf822, ZNF822 ATM interactor, ATM/ATR-substrate CHK2-interacting zinc finger protein, ASCIZ, Zinc finger protein 822, ATMIN, KIAA0431, ZNF822
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ATMIN antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ATMIN antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ATMIN
Synonyms	KIAA0431, ZNF822
Function	Transcription factor. Plays a crucial role in cell survival and RAD51 foci formation in response to methylating DNA damage. Involved in regulating the activity of ATM in the absence of DNA damage. May play a role in stabilizing ATM. Binds to the DYNLL1 promoter and activates its transcription.
Cellular Location	Nucleus. Note=Nuclear, in discrete foci during G1 phase
Tissue Location	Ubiquitously expressed in normal tissues and cancer cell lines with highest

levels in placenta and skeletal muscle

References

Oka,H., (2008) Biochem. Biophys. Res. Commun. 371 (2), 225-229 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-ATMIN Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: 293T cell lysate

ATMIN is supported by BioGPS gene expression data to be expressed in HEK293T

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.