

Product datasheet for **TA349047**

ASCIZ (ATMIN) Rabbit Polyclonal Antibody

Product data:

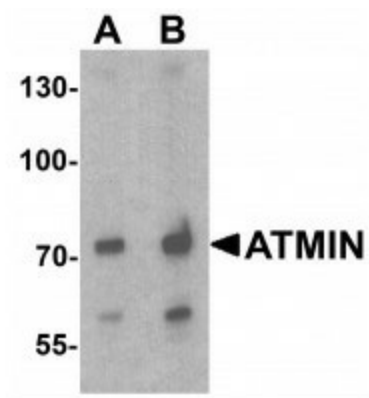
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 2.5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ATMIN antibody was raised against a 19 amino acid peptide near the amino terminus of human ATMIN.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	ATMIN antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 73, 79, 91 kDa; Observed: 72 kDa
Gene Name:	ATM interactor
Database Link:	NP_056066 Entrez Gene 23300 Human O43313
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).



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Synonyms: HBEBP3; HBEBP36; KIBRA; MEMRYQTL; PPP1R168

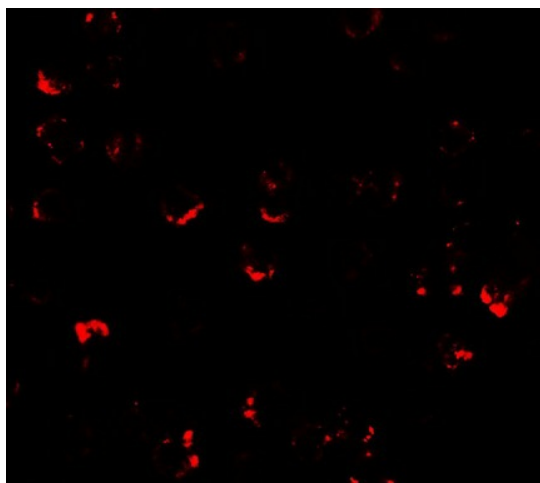
Product images:



Western blot analysis of ATMIN in 293 cell lysate with ATMIN antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of ATMIN in A431 cells with ATMIN antibody at 5 ug/mL.



Immunofluorescence of ATMIN in A431 cells with ATMIN antibody at 2.5 ug/mL.