

Product Datasheet

ATM [p Ser1981] Antibody NB100-1679

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB100-1679

ATM [p Ser1981] Antibody

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Host	Rabbit
Gene ID	472
Gene Symbol	ATM
Species	Human
Reactivity Notes	Cross-reacts with Human and Mouse.
Specificity/Sensitivity	NB100-1679 is directed against human ATM kinase and can detect native and over-expressed proteins in various tissues and extracts.
Immunogen	Synthetic peptide: CSLAFEEGS/QSTTISS, corresponding to amino acids 1974-1988 of ATM, with a phosphorylation site at Ser1981.
Notes	Please note that this product will recognize both the pSer1981 and non-phosphorylated versions of ATM.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500- 1:2000, ELISA 1:10000 - 1:50000
Application Notes	Western blot: Molecular weight: 350 kDa.

Publications

Chu, PC et al. Silencing of p29 Affects DNA Damage Responses with UV Irradiation. Cancer Res. 66: 8484-8491. 2006-01-01 [PMID: 16951160]

Bakkenist CJ, Kastan MB, et al. DNA damage activates ATM through intermolecular autophosphorylation and dimer dissociation. Nature 2003-01-01 [PMID: 12556884]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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