

# Product Datasheet

## ATM Antibody [Agarose] NB100-270

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB100-270**

ATM Antibody [Agarose]

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Agarose
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	351 kDa

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	472
<b>Gene Symbol</b>	ATM
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human reactivity reported in a verified customer review.
<b>Immunogen</b>	ATM Antibody was made to a region between residues 1750 and 1800 of human Ataxia Telangiectasia Mutated using the numbering given in entry NP_000042.2 (GenID 472).

**Product Application Details**

<b>Applications</b>	Immunoprecipitation
<b>Recommended Dilutions</b>	Immunoprecipitation
<b>Application Notes</b>	Goat anti-human ATM affinity purified antibody was coupled to agarose beads using a cyanogen bromide method. Final concentration is 0.1 mg antibody in 0.4 ml of 50% slurry containing 0.2 ml agarose. For IP: Use 15 to 25 ul of gel slurry per 0.1 to 1 mg of protein lysate or extract.

**Publications**

Ban S, Michikawa Y, Ishikawa K et al. Radiation sensitivities of 31 human oesophageal squamous cell carcinoma cell lines. *Int J Exp Pathol* 2005-08-01 [PMID: 16045545] (Human)

Dirlam, A et al. Deregulated E2f-2 underlies cell cycle maturation defects in Rb null erythroblasts. *Mol. Cell. Biol.* 10.1128/MCB.01118-07. [PMID: 17923680]



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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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