

Product Data Sheet

Anti-ATM Antibody

Catalog #	Source	Reactivity	Applications
CPA7364	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to ATM		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATM. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ATM protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	ATM		
Alternative Names	Serine-protein kinase ATM; Ataxia telangiectasia mutated; A-T mutated		
Entrez Gene	472 (Human); 11920 (Mouse)		
SwissProt	Q13315 (Human); Q62388 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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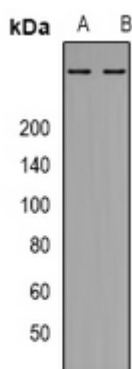
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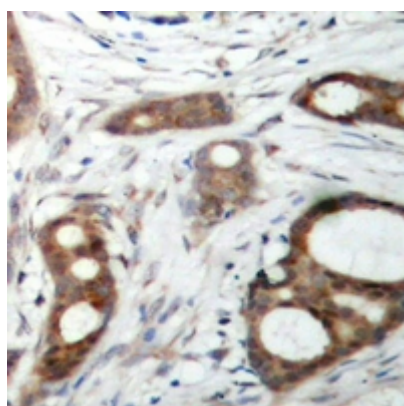
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Western blot analysis of ATM expression in K562 (A), mouse brain (B) whole cell lysates. (Predicted band size: 350 kD; Observed band size: 350 kD)



Immunohistochemical analysis of ATM staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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