

For Research Use Only

# ATM Recombinant antibody

Catalog Number: 83608-5-RR



## Basic Information

<b>Catalog Number:</b> 83608-5-RR	<b>GenBank Accession Number:</b> BC137169	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 472	<b>CloneNo.:</b> 240560F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13315	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> ataxia telangiectasia mutated	
<b>Immunogen Catalog Number:</b> AG25920	<b>Observed MW:</b> 310-350 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HepG2 cells, HeLa cells, Raji cells, MCF-7 cells, A549 cells
<b>Species Specificity:</b> Human	

## Background Information

The ATM protein is a member of the phosphatidylinositol 3-kinase family of proteins that respond to DNA damage by phosphorylating key substrates involved in DNA repair and/or cell cycle control. It is involved in mitogenic signal transduction, meiotic recombination, detection of DNA damage, and cell cycle control.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:

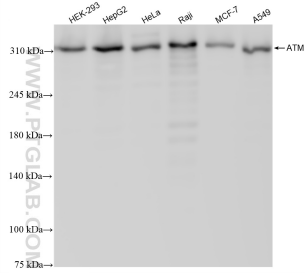
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83608-5-RR (ATM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.