

For Research Use Only

ATM Polyclonal antibody

Catalog Number: 21950-1-AP **3 Publications**



Basic Information

Catalog Number: 21950-1-AP	GenBank Accession Number: BC007023	Purification Method: Antigen affinity purification
Size: N/A	GeneID (NCBI): 472	
Source: Rabbit	UNIPROT ID: Q13315	
Isotype: IgG	Full Name: ataxia telangiectasia mutated	
Immunogen Catalog Number: AG15123	Calculated MW: 3056 aa, 351 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
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.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiufang Song	26451628	Chem Res Toxicol	WB
Hui Dong	25818601	Toxicol Appl Pharmacol	WB
Tang Zhong-Ping ZP	23681803	Tumour Biol	WB

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