

Datasheet for ABIN7433537  
**anti-ATM antibody (AA 2484-2748)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	ATM
Binding Specificity:	AA 2484-2748
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Ataxia Telangiectasia Mutated (ATM)
Immunogen:	Recombinant Ataxia Telangiectasia Mutated (ATM) corresponding to Val2484~Arg2748 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATM. It has been selected for its ability to recognize ATM in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	ATM
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## Target Details

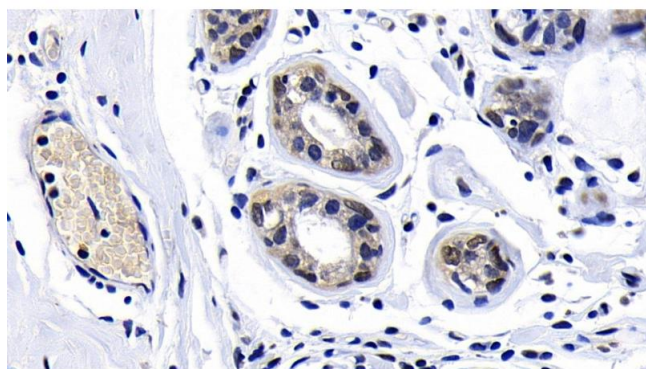
Alternative Name:	Ataxia Telangiectasia Mutated ( <a href="#">ATM Products</a> )
Background:	AT1, ATD, ATA, ATC, ATDC, ATE, TEL1, TELO1, Serine-protein kinase ATM
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">DNA Damage Repair</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:180-700 Immunohistochemistry: 5-20 µg/mL 1:18-70 Immunocytochemistry: 5-20 µg/mL 1:18-70 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

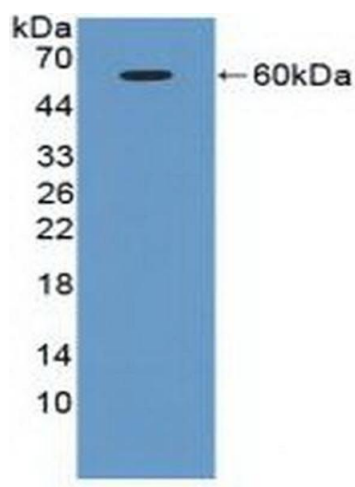
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



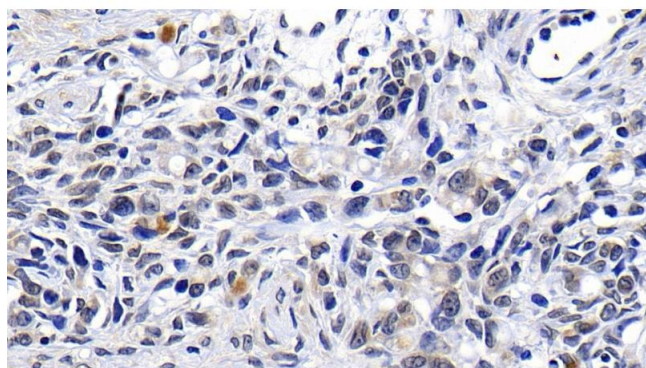
#### Immunohistochemistry

**Image 1.** Detection of ATM in Human Breast cancer Tissue using Polyclonal Antibody to Ataxia Telangiectasia Mutated (ATM)



#### Western Blotting

**Image 2.** Detection of Recombinant ATM, Human using Polyclonal Antibody to Ataxia Telangiectasia Mutated (ATM)



#### Immunohistochemistry

**Image 3.** Detection of ATM in Human Ovarian cancer Tissue using Polyclonal Antibody to Ataxia Telangiectasia Mutated (ATM)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7433537.