

Datasheet for ABIN7440575
anti-ATM antibody (AA 486-742)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	ATM
Binding Specificity:	AA 486-742
Reactivity:	Mouse
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 Ile486~Ser742 (Accession # Q62388)
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.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

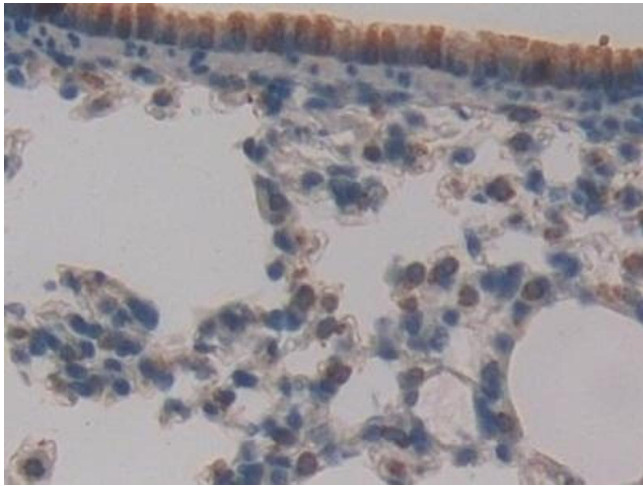
Target:	ATM
Alternative Name:	Ataxia Telangiectasia Mutated (ATM Products)
Background:	AT1, ATD, ATA, ATC, ATDC, ATE, TEL1, Telo1, Serine-protein kinase ATM
Pathways:	p53 Signaling , Apoptosis , DNA Damage Repair , Inositol Metabolic Process , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

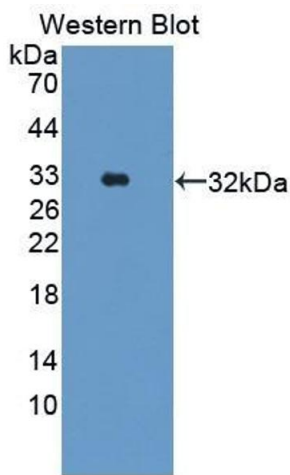
Handling

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



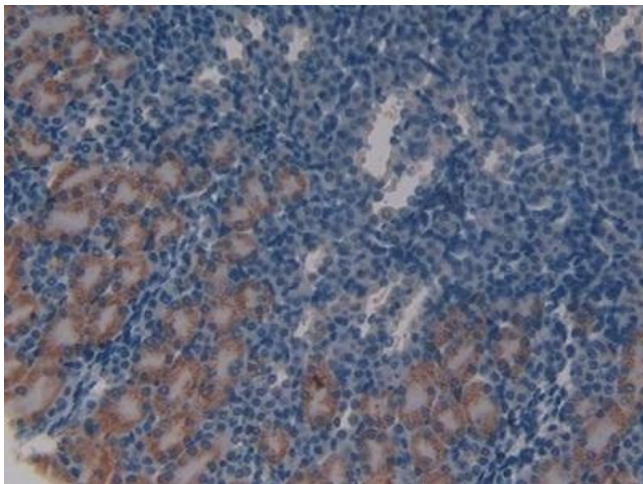
Immunohistochemistry

Image 1. Detection of ATM in Mouse Lung Tissue using Polyclonal Antibody to Ataxia Telangiectasia Mutated (ATM)



Western Blotting

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



Immunohistochemistry

Image 3. Detection of ATM in Mouse Kidney Tissue using Polyclonal Antibody to Ataxia Telangiectasia Mutated (ATM)