

Datasheet for ABIN7443059
anti-ATR antibody (AA 2353-2644)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ATR
Binding Specificity:	AA 2353-2644
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATR antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (IHC)

Product Details

Purpose:	Polyclonal Antibody to Ataxia Telangiectasia And Rad3 Related Protein (ATR)
Immunogen:	Recombinant Ataxia Telangiectasia And Rad3 Related Protein (ATR) corresponding to Ala2353~Met2644 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATR. It has been selected for its ability to recognize ATR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

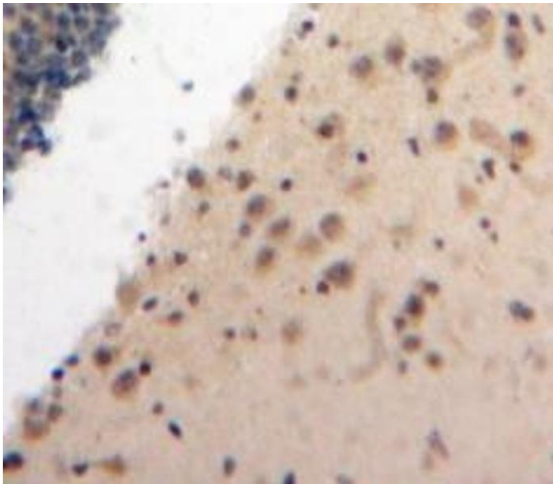
Target:	ATR
Alternative Name:	Ataxia Telangiectasia And Rad3 Related Protein (ATR Products)
Background:	FRP1, SCKL, SCKL1, MEC1, FRAP-related protein 1, Serine/threonine-protein kinase ATR
Pathways:	p53 Signaling , Apoptosis , DNA Damage Repair , Positive Regulation of Response to DNA Damage Stimulus

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

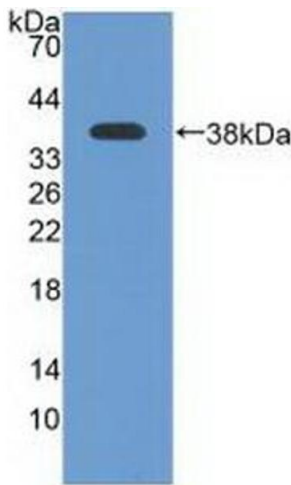
Handling

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. #VALUE!



Western Blotting

Image 2. Detection of Recombinant ATR, Human using Polyclonal Antibody to Ataxia Telangiectasia And Rad3 Related Protein (ATR)