

# Phospho-ATM (Ser1987) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to residues in human ATM around the phosphorylation site of ser1987
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2554018

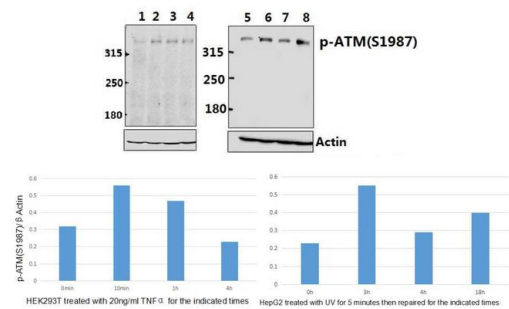
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-

## Product Specific Information

This antibody detects endogenous protein at a molecular weight of 370 kDa.

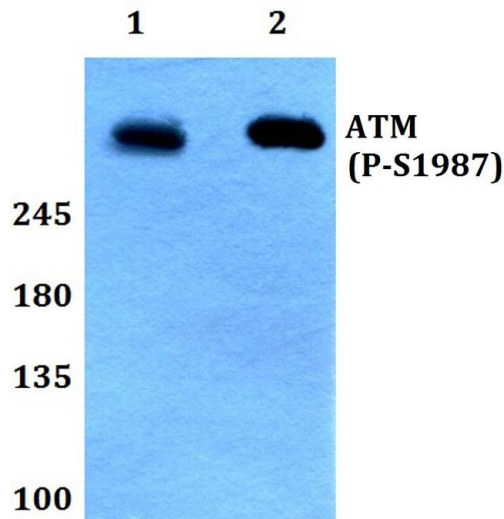
Purity is >95% by SDS-PAGE.

Product Images For Phospho-ATM (Ser1987) Polyclonal Antibody



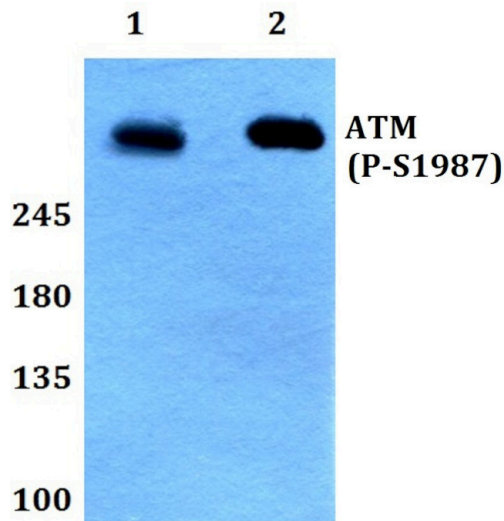
Phospho-ATM (Ser1987) Antibody (PA5-37346) in WB

Western blot analysis of Phospho-ATM (Ser1987) in Lane 1: HEK293T whole cell lysate (40 µg), Lane 2: HEK293T treated with TNF(20 ng/mL) for 10 Minutes whole cell lysate, Lane 3: HEK293T treated with TNF (20 ng/mL) for 1 hour whole cell lysate, Lane 4: HEK293T treated with TNF (20 ng/mL) for 4 hours whole cell lysate, Lane 5: HepG2 whole cell lysate (40 µg), Lane 6: HepG2 treated with UV for 5 minutes then repaired for 3 hours whole cell lysate (40 µg), Lane 7: HepG2 treated with UV for 5 minutes then repaired for 4 hours whole cell lysate (40 µg), Lane 8: HepG2 treated with UV for 5 minutes then repaired for 18 hours whole cell lysate (40 µg). Samples were incubated with Phospho-ATM (Ser1987) polyclonal antibody (Product # PA5-37346) at a dilution of 1:500.



Phospho-ATM (Ser1987) Antibody (PA5-37346) in WB

Western blot analysis of Phospho-ATM (Ser1987) in Lane 1: HEK293T whole cell lysate treated with UV (24h), Lane 2: Raw264.7 whole cell lysate treated with UV (24h). Samples were incubated with Phospho-ATM (Ser1987) polyclonal antibody (Product # PA5-37346) at a dilution of 1:500.



Phospho-ATM (Ser1987) Antibody (PA5-37346) in WB

Western blot analysis of Phospho-ATM pSer1987 using Phospho-ATM pSer1987 polyclonal antibody (Product # PA5-37346) at a dilution of 1:500. Lane 1: HEK293T whole cell lysate treated with UV (24h), Lane 2: Raw264.7 whole cell lysate treated with UV (24h).

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