

Product Name: BRAT1 Rabbit Monoclonal Antibody
Catalog #: AMRe01736



Summary

Production Name	BRAT1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	BRAT1
Alternative Names	BRCA1-associated ATM activator 1; BRCA1-associated protein required for ATM activation protein 1
Gene ID	221927
SwissProt ID	Q6PJG6

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 88 kDa

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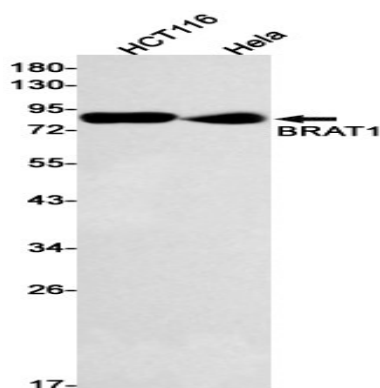
Background

Involved in DNA damage response; activates kinases ATM, SMC1A and PRKDC by modulating their phosphorylation status following ionizing radiation (IR) stress (PubMed:16452482, PubMed:22977523). Plays a role in regulating mitochondrial function and cell proliferation (PubMed:25070371). Required for protein stability of MTOR and MTOR-related proteins, and cell cycle progress by growth factors (PubMed:25657994).

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of BRAT1 in HCT116, HeLa lysates using BRAT1 antibody.

Note

For research use only.