

Product Name: BRAT1 Rabbit Monoclonal Antibody**Catalog #: AMRe01736**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 88 kDa

Antigen Information

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
Immunogen	Recombinant protein of human BRAT1

Background

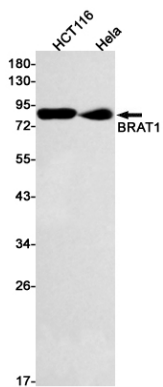
Involved in DNA damage response; activates kinases ATM, SMC1A and PRKDC by modulating their phosphorylation status

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.