
Product Name: BRAT1 Rabbit Monoclonal Antibody**Catalog #: AMRe21234**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/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	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:100-1:300,FC 1:100-1:300,IP 1:50-1:100
Molecular Weight	Calculated MW;;Observed MW:90kD

Antigen Information

Gene Name	BRAT1;BAAT1;C7orf27
Alternative Names	BRAT1;BAAT1;C7orf27;BRCA1-associated ATM activator 1 ;BRCA1-associated protein required for ATM activation protein 1;
Gene ID	221927.0
SwissProt ID	Q6PJG6
Immunogen	Recombinant protein of human BRAT1

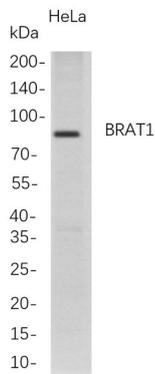
Background

Cell localization:Nucleus. Cytoplasm. Note=Present at double strand breaks (DSBs)following ionizing radiation treatment. The ubiquitinated form localizes in the nucleus in a NDFIP1-dependent manner...The protein encoded by this ubiquitously

expressed gene interacts with the tumor suppressing BRCA1 (breast cancer 1) protein and and the ATM (ataxia telangiectasia mutated) protein. ATM is thought to be a master controller of cell cycle checkpoint signalling pathways that are required for cellular responses to DNA damage such as double-strand breaks that are induced by ionizing radiation and complexes with BRCA1 in the multi-protein complex BASC (BRAC1-associated genome surveillance complex). The protein encoded by this gene is thought to play a role in the DNA damage pathway regulated by BRCA1 and ATM. [provided by RefSeq, Mar 2012]

Research Area

Image Data



Western Blot analysis of HeLa whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-BRAT1 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.