

Product name:	BRAT1 Rabbit Monoclonal Antibody
Cat number:	MABN21234
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	Recombinant protein of human BRAT1
Reactivity:	Human
Applications:	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
Purification:	Protein A
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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]