

BRAT1 monoclonal antibody

Catalog: MB10632

Host: Rabbit

Reactivity: Human

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).

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 88 kDa; Observed MW: 88 kDa

Swiss-Prot:

Q6PJG6

Purification&Purity:

Affinity Purified

Applications:

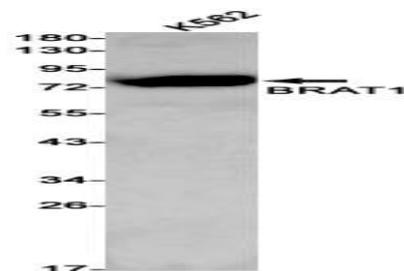
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of BRAT1 in K562 lysates using BRAT1 antibody.

Immunocytochemistry analysis of BRAT1 in Hela using BRAT1 antibody, and DAPI

Note:

For research use only, not for use in diagnostic procedure.

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