

AUP1 monoclonal antibody

Catalog: MB22578

Host: Mouse

Reactivity: Human, Mouse

BackGround:

The protein encoded this gene is involved in several pathways including quality control of misfolded proteins in the endoplasmic reticulum and lipid droplet accumulation. Lipid droplets are organelles in the cytoplasm that store neutral lipids such as cholesterol esters and triglycerides to prevent the overabundance of free cholesterol and fatty acids in cells, but also to act as storage for other metabolic processes, such as membrane biogenesis. Reduced expression of this gene results in reduced lipid droplet clustering, a function that is dependent on ubiquitination of the protein. This protein contains multiple domains including a hydrophobic N-terminal domain, an acetyltransferase domain, a ubiquitin-binding CUE domain, and a UBE2B2-binding domain (G2BR). Alternative splicing results in multiple transcript variants.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

53kDa

Swiss-Prot:

Q9Y679

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-

gen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1/500 - 1/2000

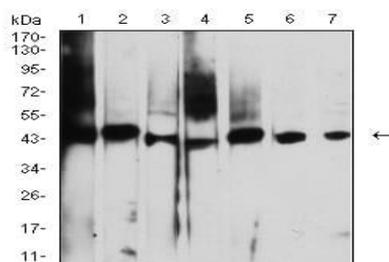
Storage&Stability:

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

Isotype:

Mouse IgG2b

DATA:



Western blot analysis using AUP1 mouse mAb against A431 (1), NIH/3T3 (2), HeLa (3), SW480 (4), CHO3D10 (5), A549 (6), and SPC-A-1 (7) cell lysate.

Note:

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

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