



AUP1 mouse mAb

Catalog No	YP-mAb-18402
Isotype	IgG
Reactivity	Human,Rat
Applications	WB
Gene Name	AUP1
Protein Name	Ancient ubiquitous protein 1
Immunogen	Synthesized peptide derived from human AUP1
Specificity	This antibody detects endogenous levels of AUP1 at Human,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	45kD
Cell Pathway	Endoplasmic reticulum membrane ; Peripheral membrane protein . Lipid droplet . ; Cytoplasmic vesicle, autophagosome . (Microbial infection) Upon Dengue virus infection, relocates from lipid droplets to autophagosomes. .
Tissue Specificity	Detected in blood platelets and leukocytes (at protein level). Ubiquitous. Highly expressed in placenta, liver, kidney, skeletal muscle, heart and brain.
Function	Plays a role in the translocation of terminally misfolded proteins from the endoplasmic reticulum lumen to the cytoplasm and their degradation by the proteasome . Plays a role in lipid droplet formation . Induces lipid droplet clustering . Recruits ubiquitin-conjugating enzyme UBE2G2 to lipid droplets which facilitates its interaction with ubiquitin ligases AMFR/gp78 and RNF139/TRC8, leading to sterol-induced ubiquitination of HMGCR and its subsequent proteasomal degradation . Also required for the degradation of INSIG1, SREBF1 and SREBF2 . Plays a role in regulating assembly and secretion of very low density lipoprotein particles and stability of apolipoprotein APOB . ; (Microbial infection) Following Dengue virus infection, required for induction of lipophagy which facilitates production of virus progeny particles.
Background	



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images