



A1Up Monoclonal Antibody

Catalog No	YP-mAb-02447
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UBQLN4
Immunogen	The antiserum was produced against synthesized peptide derived from human UBQLN4. AA range:201-250
Specificity	A1Up Monoclonal Antibody detects endogenous levels of A1Up protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	A1U;C1orf6;CIP75;UBIN;ubiquilin 4;UBQLN4;A1Up;Ubiquilin-4;Ataxin-1 interacting ubiquitin-like protein;Ataxin-1 ubiquitin-like-interacting protein A1U; Connexin43-interacting protein of 75 kDa
Observed Band	54kD
Calculated Molecular Weight	54kD
Cell Pathway	Nucleus . Cytoplasm . Chromosome . Endoplasmic reticulum . Cytoplasm, perinuclear region . Cytoplasmic vesicle, autophagosome . Colocalizes with the proteasome, both in nucleus and cytoplasm (PubMed:15280365). Exported from the nucleus following interaction with DESI1/POST (PubMed:29666234). In response to DNA damage and phosphorylation at Ser-318 by ATM, localizes to the nucleus and is recruited to sites of DNA damage (PubMed:30612738). .
Tissue Specificity	Highly expressed in pancreas, kidney, skeletal muscle, heart and throughout the brain, and at lower levels in placenta, lung and liver.
Function	PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 1 UBA domain.,similarity:Contains 1 ubiquitin-like domain., subcellular location:May associate with the endoplasmic reticulum., subunit:Homodimer. Binds SCA1. Binds signal sequences of proteins that are targeted to the endoplasmic reticulum.,tissue specificity:Highly expressed in



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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

