



AMBRA1 Monoclonal Antibody

Catalog No	YP-mAb-10591
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	AMBRA1 KIAA1736
Immunogen	Synthetic Peptide of AMBRA1
Specificity	AMBRA1 Monoclonal Antibody detects endogenous levels of AMBRA1
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	Activating molecule in BECN1-regulated autophagy protein 1;DCAF3;DDB1- and CUL4-associated factor 3;KIAA1736;WDR94;AMBRA1;AMBRA1 KIAA1736; autophagy/beclin-1 regulator 1
Observed Band	140kD
Calculated Molecular Weight	140kD
Cell Pathway	Endoplasmic reticulum . Cytoplasm, cytoskeleton . Cytoplasmic vesicle, autophagosome . Mitochondrion . Cytoplasm, cytosol . Nucleus . Cell junction, focal adhesion . Localizes to the cytoskeleton in absence of autophagy induction (PubMed:20921139). Upon autophagy induction, AMBRA1 relocates to the endoplasmic reticulum to enable autophagosome nucleation (PubMed:20921139). Partially localizes at mitochondria in normal conditions (PubMed:21358617). Localizes also to discrete punctae along the ciliary axoneme (By similarity). .
Tissue Specificity	Brain,Testis,
Function	function:Regulates autophagy and development of the nervous system. Involved in autophagy in controlling protein turnover during neuronal development, and in regulating normal cell survival and proliferation.,similarity:Contains 3 WD repeats.,subunit:Interacts with BECN1. Probably forms a complex with BECN1



and PIK3C3.,

Background

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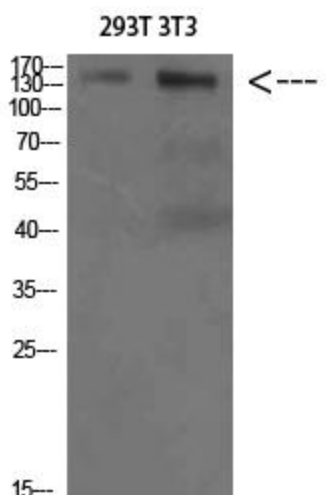
matters needing attention

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



Western Blot analysis of various cells using AMBRA1 Monoclonal Antibody