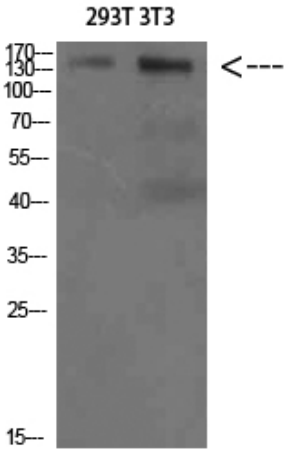
AMBRA1 Polyclonal Antibody

Catalog No	YP-Ab-10591
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	AMBRA1 KIAA1736
Protein Name	AMBRA1
Immunogen	Synthetic Peptide of AMBRA1
Specificity	AMBRA1 Polyclonal Antibody detects endogenous levels of AMBRA1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000, ELISA 1:10000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	autophagy/beclin-1 regulator 1
Observed Band	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 relocalizes 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	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.,

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 293T 3T3 cells using AMBRA1 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000