

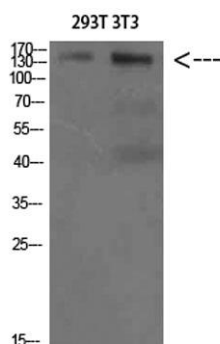
AMBRA1 rabbit pAb**Cat#: orb771355 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	AMBRA1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
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..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	AMBRA1
Gene Name	AMBRA1 KIAA1736
Cellular localization	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). .

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	140kD
Human Gene ID	55626
Human Swiss-Prot Number	Q9C0C7
Alternative Names	autophagy/beclin-1 regulator 1

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.,



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