

bs-3830R**[Primary Antibody]****Bioss**
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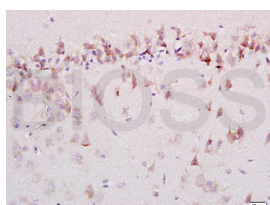
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

AMBRA1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 55626 Target: AMBRA1 Immunogen: KLH conjugated synthetic peptide derived from human AMBRA1: 221-320/1298. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: AMBRA1 regulates autophagy and development of the nervous system. It is a large, previously unknown protein bearing a WD40 domain at its amino terminus, regulates autophagy and has a crucial role in embryogenesis. AMBRA1 is a positive regulator of the Becn1-dependent programme of autophagy, as revealed by its overexpression and by RNA interference experiments invitro. Notably, AMBRA1 functional deficiency in mouse embryos leads to severe neural tube defects associated with autophagy impairment, accumulation of ubiquitinated proteins, unbalanced cell proliferation and excessive apoptotic cell death.	Isotype: IgG SWISS: Q9C0C7 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Chicken, Dog, Horse) Predicted MW.: 143 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-AMBRA1 Polyclonal Antibody, Unconjugated(bs-3830R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=2.66]** Song, Fuyong, et al. "Involvement of autophagy in tri-ortho-cresyl phosphate-induced delayed neuropathy in hens." *Neurochemistry International* (2013). WB ;="". 24220541