For research purposes only, not for human use

Product Data Sheet

Anti-AMBRA1 Antibody

Catalog #	Source	Reactivity	Applications
CQA1819	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to AMBRA1
Immunogen	Recombinant full length protein of human AMBRA1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of AMBRA1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	AMBRA1
Alternative Names	KIAA1736; Activating molecule in BECN1-regulated autophagy protein 1
Entrez Gene	55626 (Human); 228361 (Mouse)
SwissProt	Q9C0C7 (Human); A2AH22 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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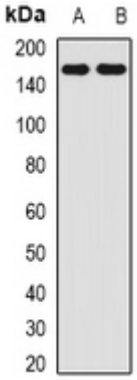
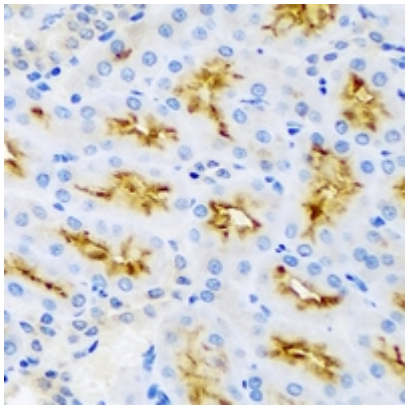


Western blot analysis of AMBRA1 expression in MCF7 (A), A431 (B) whole cell lysates. (Predicted band size: 84; 132; 135; 139; 142 kD; Observed band size: 143 kD)



Immunohistochemical analysis of AMBRA1 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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