Rabbit AMBRA1 Polyclonal Antibody | anti-AMBRA1 antibody

AMBRA1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288865	**Rabbit**	**Human (Predicted Reactivity: Mouse)**	**Immunohistochemistry, ELISA, Western Blot**

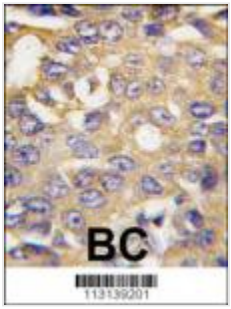
PRODUCT SYNONYMS

AMBRA1; Polyclonal Antibody; AMBRA1 Antibody (N-term); Activating molecule in BECN1-regulated autophagy protein 1; KIAA1736; anti-AMBRA1 antibody

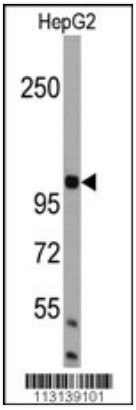
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AMBRA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human AMBRA1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	27-55
Sequence Length	761
Applicable Applications for anti-AMBRA1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with AMBRA1 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of AMBRA1 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). AMBRA1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AMBRA1 antibody	AMBRA1 regulates autophagy and development of the nervous system. This protein is involved in autophagy in controlling protein turnover during neuronal development, and in regulating normal cell survival and proliferation.
Product Categories/Family for anti-AMBRA1 antibody	Cancer; Cardiovascular; Metabolism; Neuroscience; Signal Transduction; Autophagy
References	Maria Fimia G.,Nature 447:1121-1125(2007). Nagase T.,DNA Res. 7:347-355(2000). Ota T.,Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	392306969
NCBI GeneID	55626
NCBI Accession #	NP_001254711.1; NP_001254712.1; NP_060219.2
NCBI GenBank Nucleotide #	NM_001267782.1
UniProt Accession #	Q9C0C7; Q86XD6; Q9H8Z0; Q9NXE7; A6XN33; D3DQP8; G3V193
Molecular Weight	142507
NCBI Official Full Name	activating molecule in BECN1-regulated autophagy protein 1 isoform 1
NCBI Official Synonym Full Names	autophagy/beclin-1 regulator 1
NCBI Official Symbol	AMBRA1
NCBI Official Synonym Symbols	DCAF3; WDR94
NCBI Protein Information	activating molecule in BECN1-regulated autophagy protein 1
UniProt Protein Name	Activating molecule in BECN1-regulated autophagy protein 1
UniProt Gene Name	**AMBRA1**
UniProt Synonym Gene Names	KIAA1736
UniProt Entry Name	AMRA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.