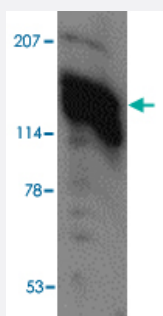


AMBRA1 polyclonal antibody

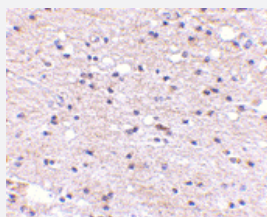
Catalog # PAB13361 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of AMBRA1 in human heart tissue lysate with AMBRA1 polyclonal antibody (Cat # PAB13361) at (A) 0.5 and (B) 1 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of AMBRA1 in human brain with AMBRA1 polyclonal antibody (Cat # PAB13361) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AMBRA1.
Immunogen	A synthetic peptide corresponding to C-terminus 15 amino acids of human AMBRA1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of AMBRA1 in human heart tissue lysate with AMBRA1 polyclonal antibody (Cat # PAB13361) at (A) 0.5 and (B) 1 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of AMBRA1 in human brain with AMBRA1 polyclonal antibody (Cat # PAB13361) at 5 ug/mL .

Gene Info — AMBRA1

Entrez GeneID	55626
Protein Accession#	Q9C0C7
Gene Name	AMBRA1
Gene Alias	FLJ20294, KIAA1736, MGC33725, WDR94
Gene Description	autophagy/beclin-1 regulator 1
Omim ID	611359
Gene Ontology	Hyperlink
Other Designations	WD repeat domain 94 activating molecule in beclin-1-regulated autophagy

Publication Reference

- [Ambra1 regulates autophagy and development of the nervous system.](#)

Fimia GM, Stoykova A, Romagnoli A, Giunta L, Di Bartolomeo S, Nardacci R, Corazzari M, Fuoco C, Ucar A, Schwartz P, Gruss P, Piacentini M, Chowdhury K, Cecconi F.

Nature 2007 Jun; 447(7148):1121.

Application: IF, IP, WB-Tr, Human, 2FTGH cells

- [Autophagy as a cell death and tumor suppressor mechanism.](#)

Gozuacik D, Kimchi A.

Oncogene 2004 Apr; 23(16):2891.

- [Reduced autophagic activity in primary rat hepatocellular carcinoma and ascites hepatoma cells.](#)

Kisen GO, Tessitore L, Costelli P, Gordon PB, Schwarze PE, Baccino FM, Seglen PO.

Carcinogenesis 1993 Dec; 14(12):2501.