AMBRA1 antibody

Product Information

Catalog No.:	FNab00356
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure. While proteins that contain WD-repeats participate in a wide range of cellular functions, they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. AMBRA1 (Activating molecule in BECN1-regulated autophagy protein 1), also known as WDR94 or KIAA1736, is a 1, 298 amino acid protein that contains three WD repeats. Localized to cytoplasmic vesicles, AMBRA1 functions to control protein turnover, cell proliferation and cell survival during neuronal development, thereby playing an important role in autophagy and the development of the nervous system. Multiple isoforms of AMBRA1 exist due to alternative spicing events.

Immunogen information

Immunogen:	autophagy/beclin-1 regulator 1
Synonyms:	Activating molecule in BECN1-regulated autophagy protein 1|DDB1- and CUL4-associated factor 3|AMBRA1|DCAF3|KIAA1736
Observed MW:	140 kDa
Uniprot ID :	Q9C0C7

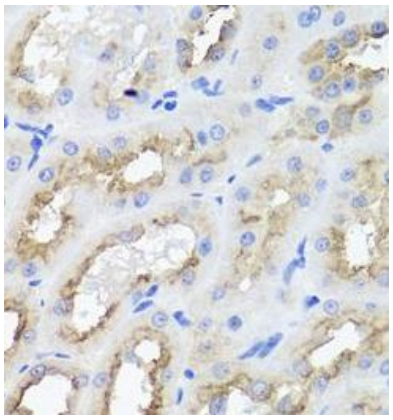
Application

Reactivity:	Human, Mouse, Rat

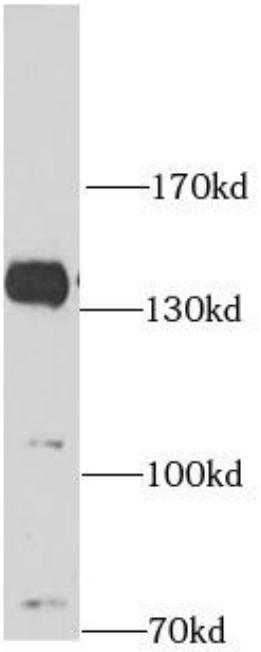
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab00356(AMBRA1 antibody) at dilution of 1:50



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab00356(AMBRA1 antibody) at dilution of 1:1000