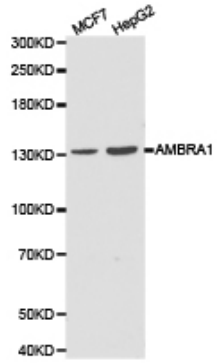
E91083

AMBRA1Polyclonal Antibody

Catalog Number: E91083
Amount: 100ul
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.
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: AMBRA1;FLJ20294;KIAA1736;MGC33725;WDR94 ;
Immunogen: Recombinant proteinof human AMBRA1
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 133kDa
Swiss-Prot No. : Q9C0C7
Gene ID: 55626

WB 1:500 - 1:2000
IHC 1:50- 1:200



Western blot analysis of MCF7 cell and HepG2 cell lysate using AMBRA1 antibody.

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