

Ambra1 Rabbit pAb

货号: **AYP14192**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	84kDa/132kDa/135kDa/139kDa/142kDa
实测分子量	130-150KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	PANC-1
细胞定位	Cytoplasmic vesicle,autophagosome
纯化	Affinity purification

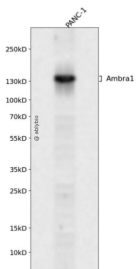
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1109-1208 of human Ambra1 (NP_060219.2).
序列	GAAHTSSPQPSTSRGLLPEAGQLAERGLSPRTASWDQPGTPGREPTQPTLPSSSPVPIVSLPSAEGPTLHCELTNNHLLDGGSSRGDAAGPRGEPRNR

靶点信息

研究背景	Substrate-recognition component of a DCX (DDB1-CUL4-X-box E3 ubiquitin-protein ligase complex involved in cell cycle control and autophagy. The DCX(AMBRA1 complex specifically mediates the polyubiquitination of target proteins such as BECN1, CCND1, CCND2, CCND3, ELOC and ULK1. Acts as an upstream master regulator of the transition from G1 to S cell phase: AMBRA1 specifically recognizes and binds phosphorylated cyclin-D (CCND1, CCND2 and CCND3, leading to cyclin-D ubiquitination by the DCX(AMBRA1 complex and subsequent degradation. By controlling the transition from G1 to S phase and cyclin-D degradation, AMBRA1 acts as a tumor suppressor that promotes genomic integrity during DNA replication and counteracts developmental abnormalities and tumor growth.
基因ID	55626
基因名	AMBRA1
Swiss	Q9C0C7
别名	AMBRA1;DCAF3;WDR94;FLJ20294

产品验证



Western blot analysis of Ambra1 expressed in PANC-1 using Ambra1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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