

UBQLN4 Rabbit pAb

货号: **AYP18160**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
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	24kDa/63kDa
实测分子量	75KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	BxPC-3,RD,SH-SY5Y,Mouse testis,Mouse thymus,Rat kidney
细胞定位	Cytoplasm,Cytoplasmic vesicle,Endoplasmic reticulum,Nucleus,autophagosome,perinuclear region
纯化	Affinity purification

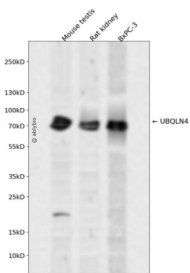
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 366-432 of human UBQLN4 (NP_064516.2).
序列	FGINAASLGSGMFNSPEMQALLQQISENPQLMQNVISAPYMRSMQTLAQNPFAAQMMVNVPLFAG

靶点信息

研究背景	Regulator of protein degradation that mediates the proteasomal targeting of misfolded, mislocalized or accumulated proteins. Acts by binding polyubiquitin chains of target proteins via its UBA domain and by interacting with subunits of the proteasome via its ubiquitin-like domain. Key regulator of DNA repair that represses homologous recombination repair: in response to DNA damage, recruited to sites of DNA damage following phosphorylation by ATM and acts by binding and removing ubiquitinated MRE11 from damaged chromatin, leading to MRE11 degradation by the proteasome. MRE11 degradation prevents homologous recombination repair, redirecting double-strand break repair toward non-homologous end joining (NHEJ). Specifically recognizes and binds mislocalized transmembrane-containing proteins and targets them to proteasomal degradation. Collaborates with DESI1/POST in the export of ubiquitinated proteins from the nucleus to the cytoplasm. Also plays a role in the regulation of the proteasomal degradation of non-ubiquitinated GJA1 (By similarity. Acts as an adapter protein that recruits UBQLN1 to the autophagy machinery. Mediates the association of UBQLN1 with autophagosomes and the autophagy-related protein LC3 (MAP1LC3A/B/C and may assist in the maturation of autophagosomes to autolysosomes by mediating autophagosome-lysosome fusion.
基因ID	56893
基因名	UBQLN4
Swiss	Q9NRR5
别名	UBQLN4;A1U;A1Up;C1orf6;CIP75;UBIN

产品验证



Western blot analysis of UBQLN4 expressed in Mouse testis, Rat kidney, BxPC-3 using UBQLN4 Rabbit p Ab 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: 12 0s.

实验步骤

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