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RNF167 Antibody

货号: **ABY1053**

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500-1:2000,, IHC 1:50-1:200
理论分子量	38kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.5.
偶联物	Unconjugated
阳性对照	
细胞定位	Lysosome membrane, Cytoplasm, cytosol
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	E3 ubiquitin-protein ligase that acts as a regulator of the TORC1 signaling pathway (PubMed:33594058, PubMed:35114100). Positively regulates the TORC1 signaling pathway independently of arginine levels: acts by catalyzing 'Lys-29'-polyubiquitination and degradation of CASTOR1, releasing the GATOR2 complex from CASTOR1 (PubMed:33594058). Also negatively regulates the TORC1 signaling pathway in response to leucine deprivation: acts by mediating 'Lys-63'-linked polyubiquitination of SESN2, promoting SESN2-interaction with the GATOR2 complex (PubMed:35114100). Also involved in protein trafficking and localization (PubMed:23129617, PubMed:23353890, PubMed:24387786, PubMed:27808481, PubMed:32409562). Acts as a regulator of synaptic transmission by mediating ubiquitination and degradation of AMPAR receptor GluA2/GRIA2 (PubMed:23129617, PubMed:33650289). Does not catalyze ubiquitination of GluA1/GRIA1 (PubMed:23129617). Also acts as a regulator of the recycling endosome pathway by mediating ubiquitination of VAMP3 (PubMed:23353890). Regulates lysosome positioning by catalyzing ubiquitination and degradation of ARL8B (PubMed:27808481). Plays a role in growth regulation involved in G1/S transition by mediating, possibly by mediating ubiquitination of SLC22A18 (PubMed:16314844). Acts with a limited set of E2 enzymes, such as UBE2D1 and UBE2N (PubMed:33650289).
基因ID	26001
基因名	RNF167
Swiss	Q9H6Y7
别名	5730408C10Rik; E3 ubiquitin-protein ligase RNF167; LP2254; RING finger protein 167; RING105; RN167_HUMAN; RNF167;

产品验证

实验步骤

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