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ARIH1 Rabbit pAb

货号: **AYP20670**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	
实测分子量	64kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,Mouse testis,Rat testis
细胞定位	Cajal body,cytoplasm,cytosol,nuclear body,nucleoplasm,nucleus
纯化	Affinity purification

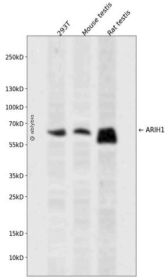
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 400 to the C-terminus of human ARI H1 (NP_005735.2).
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靶点信息

研究背景	E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3. Acts as an atypical E3 ubiquitin-protein ligase by working together with cullin-RING ubiquitin ligase (CRL complexes and initiating ubiquitination of CRL substrates: associates with CRL complexes and specifically mediates addition of the first ubiquitin on CRLs targets. The initial ubiquitin is then elongated by CDC34/UBE2R1 and UBE2R2. E3 ubiquitin-protein ligase activity is activated upon binding to neddylated cullin-RING ubiquitin ligase complexes. Plays a role in protein translation in response to DNA damage by mediating ubiquitination of EIF4E2, the consequences of EIF4E2 ubiquitination are however unclear. According to a report, EIF4E2 ubiquitination leads to promote EIF4E2 cap-binding and protein translation arrest. According to another report EIF4E2 ubiquitination leads to its subsequent degradation. Acts as the ligase involved in ISGylation of EIF4E2. In vitro, controls the degradation of the LINC (Linker of Nucleoskeleton and Cytoskeleton complex member SUN2 and may therefore have a role in the formation and localization of the LINC complex, and as a consequence, nuclear subcellular localization and nuclear morphology.
基因ID	25820
基因名	ARIH1
Swiss	Q9Y4X5 (https://www.uniprot.org/uniprotkb/Q9Y4X5/entry)
别名	ARIH1,ARI,HARI,HHARI,UBCH7BP,ARIH1 Rabbit pAb,H7-AP2,Monocyte protein 6,Protein ariadne-1 homolog,UbcH7-binding protein,UbcM4-interacting protein,Ubiquitin-conjugating enzyme E2-binding protein 1, MOP6

产品验证



Western blot analysis of ARIH1 expressed in 293T, Mouse testis, Rat testis using ARIH1 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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