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AZI1 Antibody

货号: **AYP5757**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	117kDa/121kDa/122kDa
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,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	centriole,centrosome,ciliary basal body,ciliary transition zone,cytosol,intercellular bridge,microtubule cytoskeleton
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human AZI1.
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靶点信息

研究背景	Component of centriolar satellites contributing to the building of a complex and dynamic network required to regulate cilia/flagellum formation. In proliferating cells, MIB1-mediated ubiquitination induces its sequestration within centriolar satellites, precluding untimely cilia formation initiation. In contrast, during normal and ultraviolet or heat shock cellular stress-induced ciliogenesis, its non-ubiquitinated form is rapidly displaced from centriolar satellites and recruited to centrosome/basal bodies in a microtubule- and p38 MAPK-dependent manner. Acts also as a negative regulator of BBSome ciliary trafficking. Plays a role in sperm flagellar formation; may be involved in the regulation of intraflagellar transport (IFT and/or intramanchette (IMT trafficking, which are important for axoneme extension and/or cargo delivery to the nascent sperm tail (By similarity. Required for optimal cell proliferation and cell cycle progression; may play a role in the regulation of genome stability in non-ciliogenic cells. Involved in centriole duplication (By similarity. Required for CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2. Essential for maintaining proper centriolar satellite integrity.
基因ID	22994
基因名	CEP131
Swiss	Q9UPN4 (https://www.uniprot.org/uniprotkb/Q9UPN4/entry)
别名	AZ1,AZI1,ZA1,CEP131,AZI1 Antibody,5-azacytidine-induced protein 1,Pre-acrosome localization protein 1, KIAA1118

产品验证

实验步骤

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