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KIFAP3 Rabbit mAb

货号: **AYM31253**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	82kDa/86kDa/91kDa
实测分子量	91-100kDa
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	LO2,SH-SY5Y,Mouse brain,Mouse testis,Mouse lung,Rat lung
细胞定位	axoneme,centrosome,ciliary basal body,condensed nuclear chromosome,cytosol,endoplasmic reticulum, Golgi apparatus,microtubule cytoskeleton,photoreceptor inner segment,photoreceptor outer segment
纯化	Affinity purification

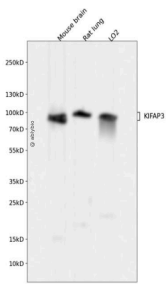
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human KIFAP3.
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靶点信息

研究背景	The small G protein GDP dissociation stimulator (smg GDS) is a regulator protein having two activities on a group of small G proteins including the Rho and Rap1 family members and Ki-Ras; one is to stimulate their GDP/GTP exchange reactions, and the other is to inhibit their interactions with membranes. The protein encoded by this gene contains 9 'Armadillo' repeats and interacts with the smg GDS protein through these repeats. This protein, which is highly concentrated around the endoplasmic reticulum, is phosphorylated by v-src, and this phosphorylation reduces the affinity of the protein for smg GDS. It is thought that this protein serves as a linker between human chromosome-associated polypeptide (HCAP) and KIF3A/B, a kinesin superfamily protein in the nucleus, and that it plays a role in the interaction of chromosomes with an ATPase motor protein. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	22920
基因名	KIFAP3
Swiss	Q92845 (https://www.uniprot.org/uniprotkb/Q92845/entry)
别名	KIFAP3,KIFAP3 Rabbit mAb,Smg GDS-associated protein,KIF3AP,SMAP

产品验证



Western blot analysis of KIFAP3 expressed in Mouse brain,Rat lung,LO2 using KIFAP3 Rabbit mAb 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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