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FGFR1 (YD14332) Rabbit mAb

货号: AYD15338

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	92kDa
实测分子量	95 kDa, 105 kDa-145 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Cell membrane, Nucleus, Cytoplasm, cytosol, Cytoplasmic vesicle
纯化	亲和纯化

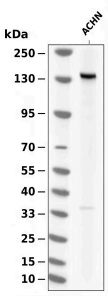
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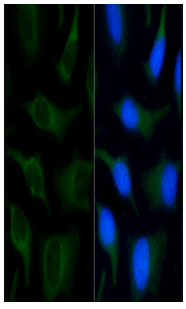
靶点信息

研究背景	The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Chromosomal aberrations involving this gene are associated with stem cell myeloproliferative disorder and stem cell leukemia lymphoma syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
基因ID	2260
基因名	FGFR1
Swiss	P11362 (https://www.uniprot.org/uniprotkb/P11362/entry)
别名	FGFR1 (YD14332),FGFR1 (YD14332) Rabbit mAb,FGFR1,Basic fibroblast growth factor receptor 1,Fms-like tyrosine kinase 2,N-sam,Proto-oncogene c-Fgr,BFGFR,CEK,FGFBR,FLG,FLT2,HBGFR

产品验证



Western blot analysis of extracts from ACHN cells using AYD15338 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling FGFR1 with AYD15338 The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with AYD15338 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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