— ABLYBIO, Help Your Research

Phospho-FGFR1 (Tyr653) Antibody

货号: AYP15665

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IF:** 1：50-1：200 **IHC :** 1：50-1：200
理论分子量	6kDa/16kDa/33kDa/55-95kDa
实测分子量	120kDa/145kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Cell membrane,Cytoplasm,Cytoplasmic vesicle,Nucleus,Single-pass type I membrane protein,cytosol
纯化	Affinity purification

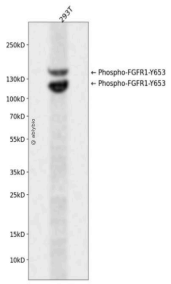
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y653 of human FGFR1 (NP_075598.2).

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,BFGFR,CD331,CEK,ECCL,FGFBR,FGFR-1,FLG,FLT-2,FLT2,HBGFR,HH2,HRTFDS,KAL2,N-SAM,OGD,bFGF-R-1,Phospho-FGFR1-Y653 Rabbit pAb,Basic fibroblast growth factor receptor 1,Fms-like tyrosine kinase 2,Proto-oncogene c-Fgr

产品验证



Western blot analysis of Phospho-FGFR1 (Tyr653) expressed in 293T using Phospho-FGFR1 (Tyr654) 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

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)