

产品概述

产品名 (Product Name)	Anti FGFR1 polyclonal antibody
货号 (Catalog No.)	ATP207
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, other species was not test
应用实验 (Tested applications)	WB: 1:2000~1:8000, ICC: 1:50~200, IHC: 1:50~100
克隆性 (Clonality)	Polyclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human FGFR1(Trp471-Arg821).
别名	FLG, FLT-2, CD331, FGFR, FLT2, FGFR1, CEK, BFGFR, Basic fibroblast growth factor receptor 1, Proto-oncogene c-Fgr, N-sam, FGFR-1, HBGR, bFGF-R-1, Fibroblast growth factor receptor 1, Fms-like tyrosine kinase 2
Uniprot ID	P11362

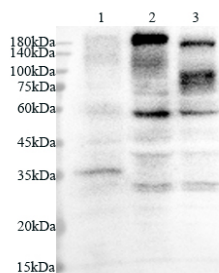
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.26mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	91kDa
纯化方式 (Purity)	Antigen affinity purification

应用

WB, ICC, IHC

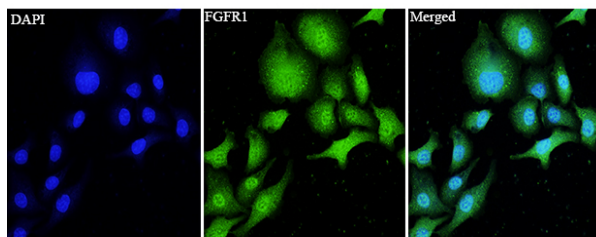
产品实验图片



Lysate: 20 µg/lane
Lane 1: SH-SY5Y cell line
Lane 2: HepG2 cell line
Lane 3: 293T cell line

Predicted band size: 56kDa
Observed band size: 56, 100, 180kDa

Various lysates were subjected to SDS PAGE followed by western blot with FGFR1 antibody at dilution of 1:1000.



Immunofluorescent analysis of SKOV3 cells using FGFR1 antibody at dilution of 1:50 and Alexa Fluor-488 conjugated Affinipure Goat anti rabbit IgG(H+L).

产品背景

Fibroblast growth factor receptor 1 (FGFR1) is a tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors. FGFR1 has been implicated in diverse biological processes including embryonic development, cell proliferation, differentiation, migration, and tumorigenesis. Mutations in FGFR1 gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, squamous cell lung cancer and autosomal dominant Kallmann syndrome. Alternatively spliced variants which encode different protein isoforms have been described.