

Anti-FGF1 Antibody Picoband® HRP Conjugated

Catalog Number: PB9241-HRP

About FGF1

Fibroblast growth factor 1 (acidic), also known as FGF1/ECGF/HBGF1, is a human gene which is mapped to 5q31. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. Acidic fibroblast growth factor is derived from beta-endothelial cell growth factor (ECGFB) by posttranslational processing. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor.

Overview

Product Name	Anti-FGF1 Antibody Picoband® HRP Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P05230

Technical Details

Immunogen	E.coli-derived human FGF1 recombinant protein (Position: N22-L146). Human FGF1 shares 97% amino acid (aa) sequence identity with both mouse and rat FGF1.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

2 Publications Citing This Product

1. PubMed ID: 25667662, Zhang L, Wang H, Wang T, Jiang N, Yu P, Chong Y, Fu F. Exp Ther Med. 2015 Mar;9(3):972-976. Epub 2014 Dec 24. Ferulic Acid Ameliorates Nerve Injury Induced By Cerebral Ischemia In Rats.

2. PubMed ID: 21461910, Zhou Y, Ren L, Zhu J, Yan S, Wang H, Song N, Li L, Ouyang H, Pang D. Mol Cell Biochem. 2011 Aug;354(1-2):39-46. Doi: 10.1007/s11010-011-0803-8. Epub 2011 Apr 3. Construction Of A Recombinant Human Fgf1 Expression Vector For Mammary Gland-Specific ...

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