

FGF-1 Antibody (R31654)

Catalog No.	Formulation	Size
R31654	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	2246
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml
Limitations	This FGF-1 antibody is available for research use only.

kDa
200 -
116 -
97 -
66 -
44 -
31 -
22 -
14 -
6 -

Western blot testing of FGF-1 antibody and recombinant human protein (0.5ng)

Description

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. [FGF-1](#) functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FGF-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 22-146) was used as the immunogen for this FGF-1 antibody.

Storage

After reconstitution, the FGF-1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.