

## 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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	2246
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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 (ECGF) 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.