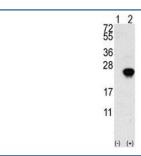


# FGF1 Antibody (F49618)

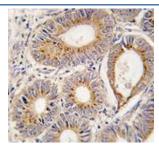
Catalog No.	Formulation	Size
F49618-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49618-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

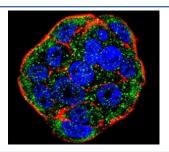
## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Pig
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P05230
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This FGF1 antibody is available for research use only.



Western blot analysis of FGF1 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FGF1 gene (2).





Confocal immunofluorescent analysis of FGF1 antibody with WiDr cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

## **Description**

FGF1 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. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis.

## **Application Notes**

Titration of the FGF1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

A portion of amino acids 5-30 from the human protein was used as the immunogen for this FGF1 antibody.

#### **Storage**

Aliquot the FGF1 antibody and store frozen at -200C or colder. Avoid repeated freeze-thaw cycles.