

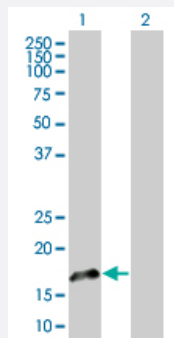
MaxPab®

FGF1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00002246-B01

Size 50 uL

Applications

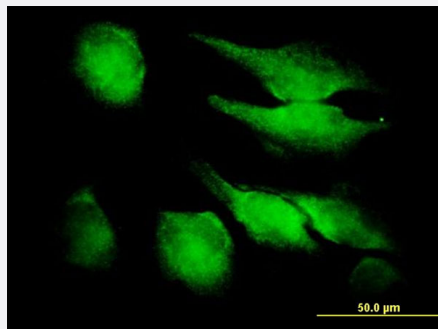


Western Blot (Transfected lysate)

Western Blot analysis of FGF1 expression in transfected 293T cell line ([H00002246-T01](#)) by FGF1 MaxPab polyclonal antibody.

Lane 1: FGF1 transfected lysate(17.05 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FGF1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human FGF1 protein.
Immunogen	FGF1 (NP_000791, 1 a.a. ~ 155 a.a) full-length human protein.
Sequence	MAEGEITFTALTEKFNLPNGNYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESV GEVYIKSTETGQYLAMDTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEKNWVGLKKNKNGSC KRGPRTHYGQKAILFLPLPVSSD
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FGF1 expression in transfected 293T cell line ([H00002246-T01](#)) by FGF1 MaxPab polyclonal antibody.

Lane 1: FGF1 transfected lysate(17.05 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FGF1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — FGF1

Entrez GeneID	2246
GeneBank Accession#	NM_000800
Protein Accession#	NP_000791
Gene Name	FGF1
Gene Alias	AFGF, ECGF, ECGF-beta, ECGFA, ECGFB, FGF-alpha, FGFA, GLIO703, HBGF1
Gene Description	fibroblast growth factor 1 (acidic)
Omim ID	131220
Gene Ontology	Hyperlink

Gene Summary

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. 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. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations

OTTHUMP00000066028|OTTHUMP00000066030|OTTHUMP00000066031|OTTHUMP00000174675|endothelial cell growth factor, alpha|endothelial cell growth factor, beta|heparin-binding growth factor 1

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Endometriosis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)

- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Intracranial Aneurysm](#)
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- [Multiple Sclerosis](#)
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