

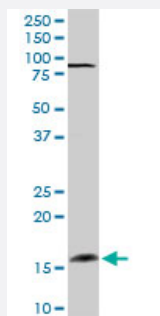
MaxPab®

FGF1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002246-D01P

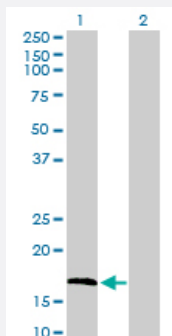
Size 100 ug

Applications



Western Blot (Tissue lysate)

FGF1 MaxPab rabbit polyclonal antibody. Western Blot analysis of FGF1 expression in human placenta.

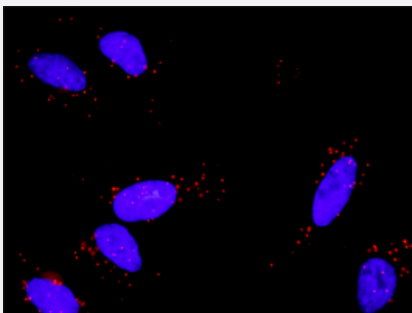


Western Blot (Transfected lysate)

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

Lane 1: FGF1 transfected lysate(17.50 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FGF1 and FGFR1. HeLa cells were stained with anti-FGF1 rabbit purified polyclonal 1:1200 and anti-FGFR1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FGF1 protein.

Immunogen	FGF1 (NP_000791.1, 1 a.a. ~ 155 a.a) full-length human protein.
Sequence	MAEGEITFTALTEKFNLPNGYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESV GEVYIKSTETGQYLAMDTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEKNWFVGLKKNKNGSC KRGPRTHYGQKAILFLPLPVSSD
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

FGF1 MaxPab rabbit polyclonal antibody. Western Blot analysis of FGF1 expression in human placenta.

[Protocol Download](#)

- 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(17.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FGF1 and FGFR1. HeLa cells were stained with anti-FGF1 rabbit purified polyclonal 1:1200 and anti-FGFR1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Info — FGF1

Entrez GeneID	2246
GeneBank Accession#	NM_000800
Protein Accession#	NP_000791.1
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](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Schizophrenia](#)