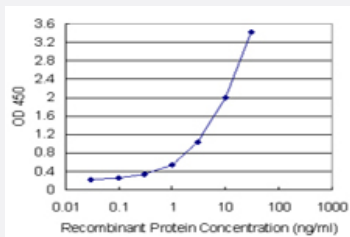


FGF1 (Human) Matched Antibody Pair

Catalog # H00002246-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 0.1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human FGF1.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00002246-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 0.1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-FGF1 (100 ug) 2. Detection antibody: mouse purified polyclonal anti-FGF1 (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — FGF1

Entrez GeneID [2246](#)

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](#)