ARG56817
anti-FGF acidic antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes FGF acidic
Tested Reactivity	Hu, Ms
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FGF acidic
Species	Human
Immunogen	E.coli derived Recombinant Human FGF acidic. (MFNLPPGNYK KPKLLYCSNG GHFLRILPDG TVDGTRDRSD QHIQLQLSAE SVGEVYIKST ETGQYLAMDT DGLLYGSQTP NEECLFLERL EENHYNTYIS KKHAEKNWFV GLKKNGSCKR GPRTHYGQKA ILFLPLPVSS D)
Conjugation	Biotin
Alternate Names	HBGF1; FGF-1; FGF-alpha; GLIO703; ECGFA; ECGFB; ECGF; Endothelial cell growth factor; FGFA; Acidic fibroblast growth factor; Heparin-binding growth factor 1; Fibroblast growth factor 1; HBGF-1; AFGF; aFGF; ECGF-beta

Application Instructions

Application table

Application	Dilution
ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56708 as a capture antibody
WB	0.1 - 0.2 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

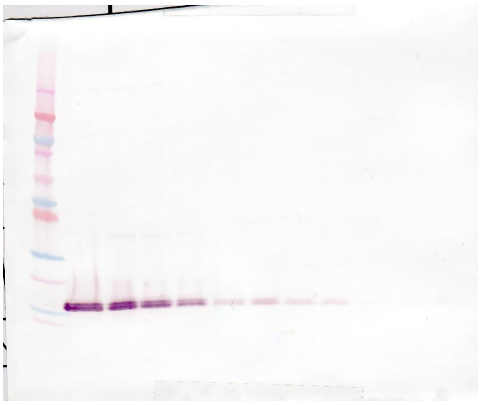
Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

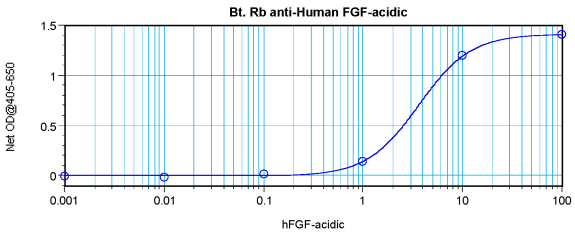
Database links	GeneID: 14164 Mouse GeneID: 2246 Human Swiss-port # P05230 Human Swiss-port # P61148 Mouse
Gene Symbol	FGF1
Gene Full Name	fibroblast growth factor 1 (acidic)
Background	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess 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, Jan 2009]
Function	Plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. Functions as potent mitogen in vitro. [UniProt]
Calculated Mw	17 kDa
PTM	In the nucleus, phosphorylated by PKC/PRKCD.

Images



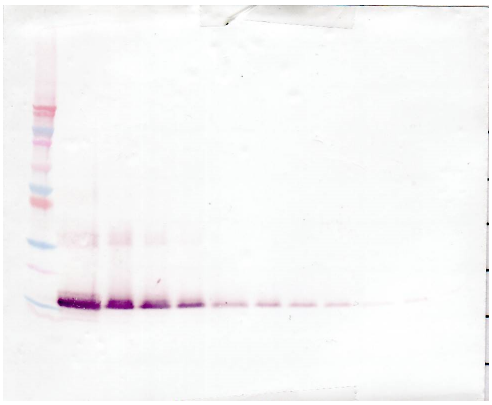
ARG56817 anti-FGF acidic antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human FGF-acidic stained with ARG56817 anti-FGF acidic antibody (Biotin), under reducing conditions.



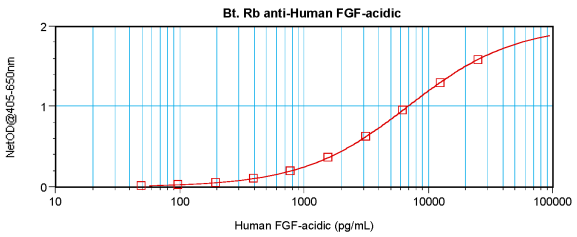
ARG56817 anti-FGF acidic antibody (Biotin) standard curve image

Direct ELISA: ARG56817 anti-FGF acidic antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56817 anti-FGF acidic antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human FGF-acidic stained with ARG56817 anti-FGF acidic antibody (Biotin), under non-reducing conditions.



ARG56817 anti-FGF acidic antibody (Biotin) standard curve image

Sandwich ELISA: ARG56817 anti-FGF acidic antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56708 anti-FGF acidic antibody as a capture antibody. Results of a typical standard run with optical density.