

ARG43721 anti-FGF17 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Goat Polyclonal antibody recognizes FGF17
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FGF17
Species	Human
Immunogen	E.coli derived Recombinant Human FGF17. (MTQGENHPSP NFNQYVRDQG AMTDQLSRRQ IREYQLYSRT SGKHVQVTGR RISATAEDGN KFAKLIVETD TFGSRVRIKG AESEKYICMN KRGKLGKPS GSKDCVFTE IVLENNYTAF QNARHEGWFM AFTRQGRPRQ ASRSRQNRQE AHFIKRLYQG QLPFPNHAKE QKQFEFVGSA PTRRTKRTRR PQPLT)
Conjugation	Biotin
Alternate Names	FGF-17; HH20; FGF-13; Fibroblast growth factor 17

Application Instructions

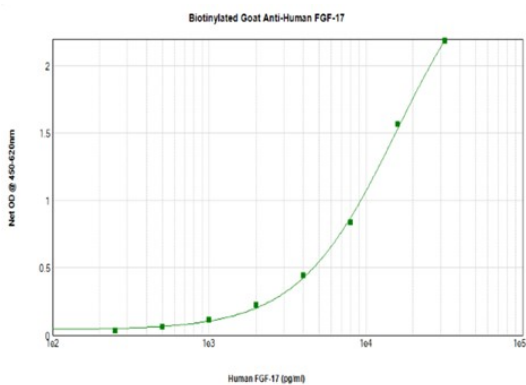
Application table	Application	Dilution
	ELISA	Assay dependent
	WB	0.1- 0.2 µg/ml
Application Note	Sandwich ELISA (Capture antibody - Detection antibody): ARG43719 (0.5 - 2 µg/ml) - ARG43721 allows the detection of at least 0.2 - 0.4 ng/well of recombinant hFGF-17. * The dilutions indicate recommended 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.

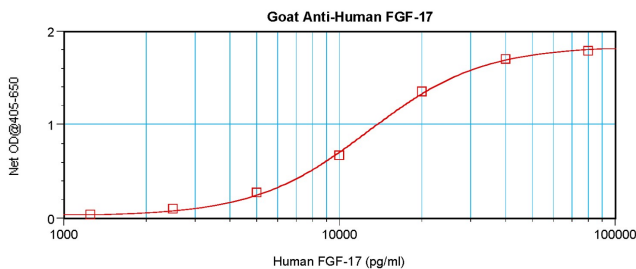
Gene Symbol	FGF17
Gene Full Name	fibroblast growth factor 17
Background	FGF17 gene encodes a member of the fibroblast growth factor (FGF) family. Member of the FGF family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is expressed during embryogenesis and in the adult cerebellum and cortex and may be essential for vascular growth and normal brain development. Mutations in this gene are the cause of hypogonadotropic hypogonadism 20 with or without anosmia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Function	FGF17 plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain. Required for normal brain development. [UniProt]
Calculated Mw	24.8 kDa
PTM	Glycoprotein
Cellular Localization	Secreted. [UniProt]

Images



ARG43721 anti-FGF17 antibody (Biotin) standard curve image

Direct ELISA: Detect rFGF17 coated plate by ARG43721 anti-FGF17 antibody (Biotin) at 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG43721 anti-FGF17 antibody (Biotin) standard curve image

Sandwich ELISA: ARG43721 anti-FGF17 antibody (Biotin) as a detection antibody in combination with [ARG43719](#) anti-FGF17 antibody as a capture antibody at 0.5 - 2 µg/ml dilution. Results of a typical standard run with optical density reading at 405 - 650 nm.