

ARG43719 anti-FGF17 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	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 GKSKDCVFTE IVLENNYTAF QNARHEGWFM AFTRQGRPRQ ASRSRQNRQRE AHFIKRLYQG QLPPFNHAEK QKQFEFVGSA PTRRTRRTRR PQPLT)
Conjugation	Un-conjugated
Alternate Names	FGF-17; HH20; FGF-13; Fibroblast growth factor 17

Application Instructions

Application table	Application	Dilution
	ELISA	0.5 - 2.0 µg/ml (Coating)
	WB	0.1- 0.2 µg/ml
Application Note	Western blot: The detection limit for recombinant Human FGF17 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Sandwich ELISA (Capture antibody - Detection antibody): ARG43719 - 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	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

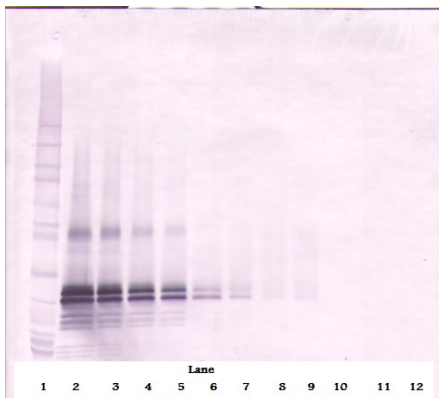
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

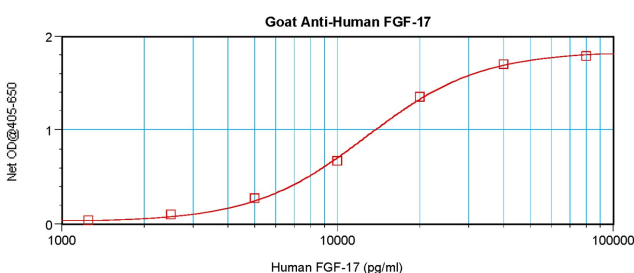
Gene Symbol	FGF17
Gene Full Name	fibroblast growth factor 17
Background	FGF17 gene encodes a member of the fibroblast growth factor (FGF) family. Member of the FGF family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development 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



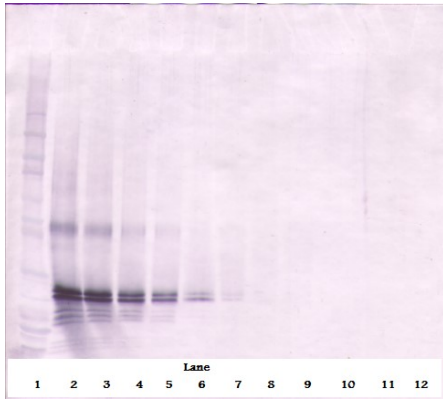
ARG43719 anti-FGF17 antibody WB image

Western blot: Recombinant hFGF-17 protein stained with ARG43719 anti-FGF17 antibody, under non-reducing conditions.



ARG43719 anti-FGF17 antibody standard curve image

Sandwich ELISA: ARG43719 anti-FGF17 antibody as the capture antibody at 0.5 - 2.0 $\mu\text{g}/\text{ml}$ dilution in combination with [ARG43721](#) anti-FGF17 antibody (Biotin) as the detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.



ARG43719 anti-FGF17 antibody WB image

Western blot: Recombinant hFGF-17 protein stained with ARG43719 anti-FGF17 antibody, under reducing conditions.