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FGF21 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a full-length recombinant FGF21.
Catalog # AT2034a

Product Information

Application	WB
Primary Accession	Q9NSA1
Other Accession	BC018404
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3A6
Calculated MW	22300

Additional Information

Gene ID	26291
Other Names	Fibroblast growth factor 21, FGF-21, FGF21
Target/Specificity	FGF21 (AAH18404, 30 a.a. ~ 209 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	FGF21 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

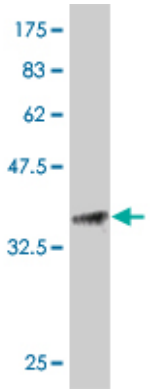
The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The function of this growth factor has not yet been determined.

References

FGF21 signalling pathway and metabolic traits - genetic association analysis. Kaess BM, et al. Eur J Hum Genet, 2010 Aug 18. PMID 20717167. Daily physical activity, fasting glucose, uric acid, and body mass index are independent factors associated with serum fibroblast growth factor 21 levels. Cuevas-Ramos D, et al. Eur

J Endocrinol, 2010 Sep. PMID 20566587. Increased fibroblast growth factor 21 in obesity and nonalcoholic fatty liver disease. Dushay J, et al. Gastroenterology, 2010 Aug. PMID 20451522. Regulation of FGF21 expression and secretion by retinoic acid receptor-related orphan receptor alpha. Wang Y, et al. J Biol Chem, 2010 May 21. PMID 20332535. Fibroblast growth factor-21 may mediate growth hormone resistance in anorexia nervosa. Fazeli PK, et al. J Clin Endocrinol Metab, 2010 Jan. PMID 19926712.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (45.54 KDa) .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.