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FSTL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12300b

Product Information

Application	WB, IHC-P, E
Primary Accession	O95633
Other Accession	NP_005851.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31074
Calculated MW	27663
Antigen Region	229-258

Additional Information

Gene ID	10272
Other Names	Follistatin-related protein 3, Follistatin-like protein 3, Follistatin-related gene protein, FSTL3, FLRG
Target/Specificity	This FSTL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 229-258 amino acids from the C-terminal region of human FSTL3.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FSTL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FSTL3
Synonyms	FLRG
Function	Isoform 1 or the secreted form is a binding and antagonizing protein for

members of the TGF-beta family, such as activin, BMP2 and MSTN. Inhibits activin A-, activin B-, BMP2- and MSDT-induced cellular signaling; more effective on activin A than on activin B. Involved in bone formation; inhibits osteoclast differentiation. Involved in hematopoiesis; involved in differentiation of hemopoietic progenitor cells, increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. Isoform 2 or the nuclear form is probably involved in transcriptional regulation via interaction with MLLT10.

Cellular Location [Isoform 1]: Secreted.

Tissue Location Expressed in a wide range of tissues.

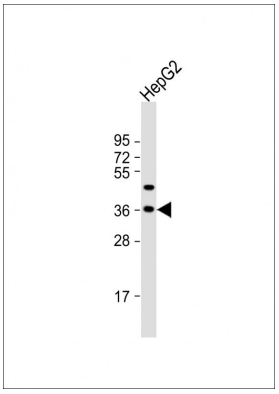
Background

Follistatin-like 3 is a secreted glycoprotein of the follistatin-module-protein family. It may have a role in leukemogenesis.

References

Miron, P., et al. Prenat. Diagn. 30(3):224-228(2010)
Thadhani, R., et al. Diabetes Care 33(3):664-669(2010)
Bloise, E., et al. BMC Cancer 9, 320 (2009) :
Stamler, R., et al. J. Biol. Chem. 283(47):32831-32838(2008)
Lara-Pezzi, E., et al. Endocrinology 149(11):5822-5827(2008)

Images



Anti-FSTL3 Antibody (C-term) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



FSTL3 Antibody (C-term) (Cat. #AP12300b)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FSTL3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Cancer-associated fibroblasts expressing FSTL3 promote vasculogenic mimicry formation and drive colon cancer malignancy

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