

Rabbit anti-Mouse FSTL3 Polyclonal Antibody | anti-FSTL3 antibody

Anti-FSTL3 Antibody, Rabbit Polyclonal

CATALOG # AAA257060	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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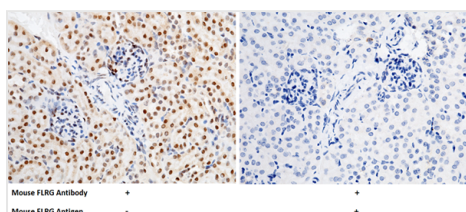
PRODUCT SYNONYMS

FSTL3; Polyclonal Antibody; Anti-FSTL3 Antibody; Rabbit Polyclonal; FLRG/Fstl3 Antibody; Rabbit PAb; Antigen Affinity Purified; follistatin-like 3 (secreted glycoprotein); Anti-E030038F23Rik Antibody; Anti-Flrg Antibody; anti-FSTL3 antibody

PRODUCT SPECIFICATIONS

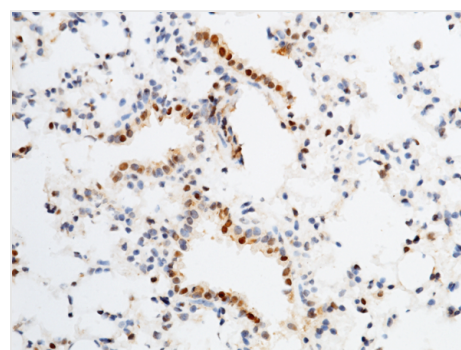
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse FSTL3/FLRG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FSTL3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse FLRG protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse FLRG (rM FLRG). FLRG specific IgG was purified by mouse FLRG affinity chromatography .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse FLRG in mouse kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The image showing nucleus staining of nephric tubule. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).



IHC (Immunohistochemistry)

Immunochemical staining of mouse FLRG in mouse lung with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-FSTL3 antibody	Follistatin-like 3 (FLRG/Fstl3) is a secreted glycoprotein of the follistatin-module-protein family. It may have a role in leukemogenesis. FLRG/Fstl3 is a recently described member of the FST family having an overall structure and activity profile similar to that of FST, including binding and neutralization of activin. FLRG/Fstl3 is expressed in a wide range of adult tissues, not detected in hematopoietic cells except in patients with a B cell chronic leukemia and a translocation. 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 of FLRG/Fstl3 or the nuclear form of FLRG/Fstl3 is probably involved in transcriptional regulation via interaction with MLLT10. Modulation of activin and other TGFbeta superfamily signaling is the primary mechanism of action for both follistatin (FS) and FS-like 3 (FSTL-3). FLRG/Fstl3 is likely to be a local regulator of activin action in gonadal development and gametogenesis and, further, that activin appears to have important actions in gonadal development and function that are critical for normal reproduction.
References	Sidis Y, et al. (2006) Biological activity of follistatin isoforms and follistatin-like-3 is dependent on differential cell surface binding and specificity for activin, myostatin, and bone morphogenetic proteins. <i>Endocrinology</i> . 147(7): 3586-97. Schneyer A, et al. (2003) Differential binding and neutralization of activins A and B by follistatin and follistatin like-3 (FSTL-3/FSRP/FLRG). <i>Endocrinology</i> . 144(5): 1671-4. Xia Y, et al. (2004) Overexpression of follistatin-like 3 in gonads causes defects in gonadal development and function in transgenic mice. <i>Mol Endocrinol</i> . 18(4): 979-94.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13878203
NCBI GeneID	83554
NCBI Accession #	NP_113557.1
NCBI GenBank Nucleotide #	NM_031380.2
UniProt Accession #	Q9EQC7
Molecular Weight	27,271 Da
NCBI Official Full Name	follistatin-related protein 3
NCBI Official Synonym Full Names	follistatin-like 3
NCBI Official Symbol	Fstl3
NCBI Official Synonym Symbols	Flrg; E030038F23Rik
NCBI Protein Information	follistatin-related protein 3
UniProt Protein Name	Follistatin-related protein 3
UniProt Gene Name	Fstl3
UniProt Synonym Gene Names	Flrg

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fstl3-antibody-immunohistochemistry-elisa/257060>