Rabbit anti-Mouse FSTL1 Polyclonal Antibody | anti-FSTL1 antibody

Anti-FSTL1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257259	**Rabbit**	**Mouse**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

FSTL1; Polyclonal Antibody; Anti-FSTL1 Antibody; Rabbit Polyclonal; FSTL1 Antibody; Rabbit PAb; Antigen Affinity Purified; follistatin-like 1; Anti-AI316791 Antibody; Anti-AW107808 Antibody; Anti-Fstl Antibody; Anti-TSC-36 Antibody; anti-FSTL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse FSTL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FSTL1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse FSTL1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse FSTL1. FSTL1 specific IgG was purified by Mouse FSTL1 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

WB (Western Blot)
Anti-FSTL1 rabbit polyclonal antibody at 1:500 dilutionLane A: A549 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:35 kDaObserved band size:15 kDa(We are unsure as to the identity of these extra bands.

IHC (Immunohistochemistry)
Immunochemical staining of mouse FSTL1 in mouse pancreas with rabbit polyclonal antibody at 1:15000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-FSTL1 antibody	Follistatin-related protein 1 (FSTL1) is an extracellular glycoprotein whose functional significance in physiological and pathological processes is incompletely understood. Recently, we have shown that FSTL1 acts as a muscle-derived secreted factor that is up-regulated by Akt activation and ischemic stress and that FSTL1 exerts favorable actions on the heart and vasculature. Here, we sought to identify the receptor that mediates the cellular actions of FSTL1. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. FSTL1 is thought to be an autoantigen associated with rheumatoid arthritis. DIP2A functions as a novel receptor that mediates the cardiovascular protective effects of FSTL1. Experiment results have provided in vivo and in vitro evidence to demonstrate that Fstl1 modulates lung development and alveolar maturation, in part, through BMP4 signaling.
References	Rosenberg MI, et al. (2006) MyoD inhibits Fstl1 and Utrn expression by inducing transcription of miR-206. J Cell Biol. 175(1): 77-85.Ouchi N, et al. (2010) DIP2A functions as a FSTL1 receptor. J Biol Chem. 285(10): 7127-34.Geng Y, et al. (2011) Follistatin-like 1 (Fstl1) is a bone morphogenetic protein (BMP) 4 signaling antagonist in controlling mouse lung development. Proc Natl Acad Sci U S A. 108(17): 7058-63.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560699
NCBI GeneID	14314
NCBI Accession #	NP_032073.2
NCBI GenBank Nucleotide #	NM_008047.5
UniProt Accession #	Q62356; Q6GTX2; Q99JI9
Molecular Weight	34,554 Da
NCBI Official Full Name	follistatin-related protein 1
NCBI Official Synonym Full Names	follistatin-like 1
NCBI Official Symbol	Fstl1
NCBI Official Synonym Symbols	Fstl; TSC-36; AI316791; AW107808
NCBI Protein Information	follistatin-related protein 1
UniProt Protein Name	Follistatin-related protein 1
UniProt Gene Name	**Fstl1**
UniProt Synonym Gene Names	Frp; Fstl; Tsc36
UniProt Entry Name	FSTL1_MOUSE

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/fstl1-antibody-immunohistochemistry-western-blot-elisa/257259