

EGFL7 Rabbit pAb

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Catalog # AP52335

Product Information

Application	IHC-P, IHC-F, IF
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse EGFL7
Epitope Specificity	31-130/275
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	EGFL7 (EGF-like domain-containing protein 7) regulates vascular tubulogenesis in vivo. During sprouting angiogenesis, groups of endothelial cells (ECs) migrate together in units called sprouts. EGFL7 regulates the proper spatial organization of ECs within each sprout and influences their collective movement. It inhibits platelet-derived growth factor (PDGF)-BB-induced smooth muscle cell migration and promotes endothelial cells adhesion to the substrate in vitro.

Additional Information

Other Names	Zneu1; VE-statin; Epidermal growth factor-like protein 7; EGF-like protein 7; Multiple epidermal growth factor-like domains protein 7; Multiple EGF-like domains protein 7; NOTCH4-like protein; Vascular endothelial statin; Egfl7; Megf7
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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References

Soncin F.,et al.EMBO J. 22:5700-5711(2003).
Fitch M.J.,et al.Dev. Dyn. 230:316-324(2004).
Sheppard P.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).
Parker L.H.,et al.Nature 428:754-758(2004).

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