Datasheet for ABIN1589809

anti-EGFL7 antibody

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Overview

Quantity:	100 µg
Target:	EGFL7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGFL7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	VE-Statin/EGFL7 antibody
Immunogen:	Recombinant human EGFL7
Isotype:	IgG
Specificity:	Recombinant human EGFL-7
Characteristics:	Chromosomal location: 9q34.3 Produced from sera of rabbits immunised with highly pure recombinant human VE-Statin/EGFL-7.
Purification:	Anti-human VE-Statin/EGFL-7 was purified by Protein-A chromatography.

Target Details

Target:	EGFL7

Target Details

Alternative Name:	VE-Statin/EGFL7 (EGFL7 Products)
Background:	EGFL7, NEU1, ZNEU1, VE-STATIN, RP11-251M1.2, NOTCH4-like protein, Vascular endothelial statin,EGFL7 (VE-Statin) is an ~ 30 kDa secreted protein that contains an Emilin-like (EMI) domain (a multimerization motif), and two epidermal growth factor (EGF) domains, one of which binds calcium. Based on these domains, it has been hypothesized that EGFL7 may self-assemble like extracellular matrix (ECM) proteins and, thus, could incorporate into ECM. EGFL7 has been reported to stimulate cell adhesion as well as motility in a manner similar to ECM proteins. EGFL7 has been shown to be primarily expressed by developing ECs but also by primordial germ cells and some central nervous system neurons. Interestingly, EGFL7 expression markedly decreases in ECs in postnatal life, but can be strongly up-regulated after various tissue injuries that lead to increased angiogenic responses.
Gene ID:	51162
NCBI Accession:	NM_016215, NP_057299
UniProt:	Q9UHF1

Application Details

Application Notes:	Western Blot: Use 1-5 µg/mL
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS
Handling Advice:	Centrifuge vial prior to opening.
Storage:	4 °C,-20 °C
Storage Comment:	The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots.
Expiry Date:	24 months