



Rabbit Anti-EGFL7 antibody

SL21459R

Product Name:	EGFL7
Chinese Name:	类表皮生长因子域7抗体
Alias:	EGF like domain 7; EGF like domain containing protein 7; EGF like domain multiple 7; EGFL 7; Epidermal growth factor like domain protein 7; MEGF 7; MEGF7; MGC111117; Multiple EGF like domain protein 7; Multiple epidermal growth factor like domain protein 7; NEU1 protein; NOTCH4 like protein; RP11 251M1.2; Vascular endothelial statin; VE statin; ZNEU 1; ZNEU1; EGFL7 HUMAN; EGFL7 MOUSE.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	28kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse EGFL7:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

Regulates vascular tubulogenesis in vivo. Inhibits platelet-derived growth factor (PDGF)-BB-induced smooth muscle cell migration and promotes endothelial cells adhesion to the substrate in vitro.

Subcellular Location:

Secreted (By similarity).

Tissue Specificity:

Expressed specifically by endothelial cells of the highly vascularized organs heart, lung and kidney.

Similarity:

Contains 2 EGF-like domains.

Contains 1 EMI domain.

SWISS:

Q9QXT5

Gene ID:

353156

Database links:

[Entrez Gene: 51162](#)Human

[Entrez Gene: 353156](#) Mouse

[Omin: 608582](#)Human

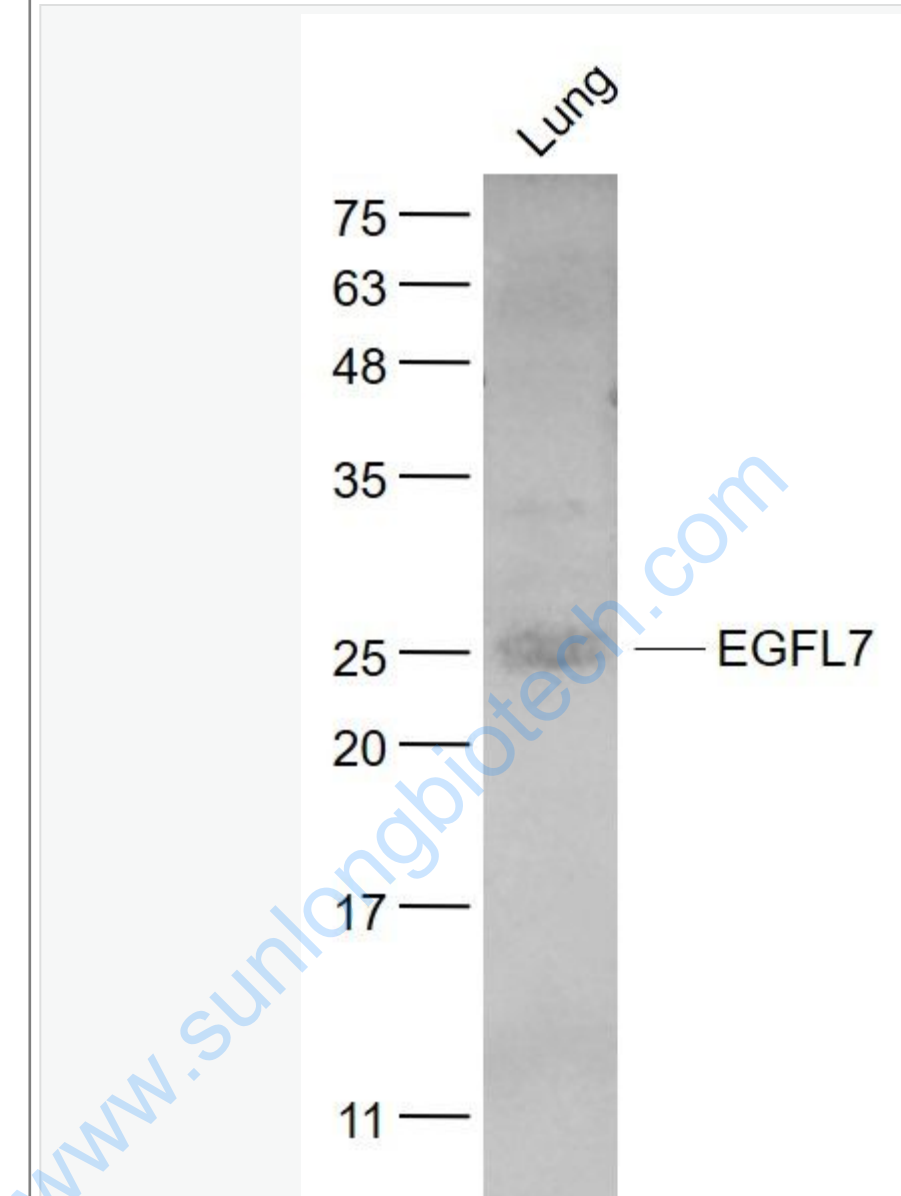
[SwissProt: Q9UHF1](#)Human

[Unigene: 91481](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

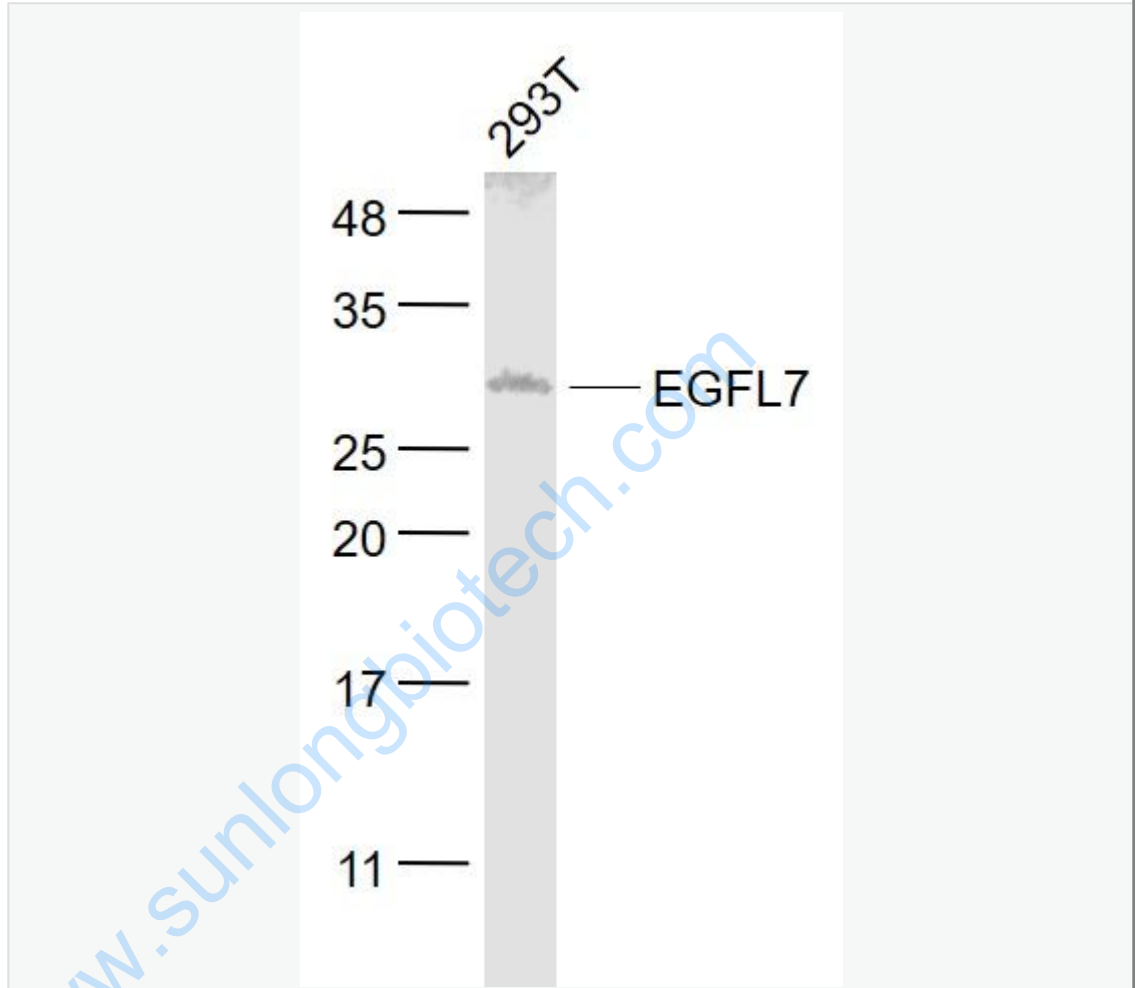
Lung (Mouse) Lysate at 40 ug

Primary: Anti- EGFL7 (SL21459R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 28 kD

Observed band size: 25 kD



Sample:

293T(Human) Cell Lysate at 30 ug

Primary: Anti- EGFL7 (SL21459R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 28 kD

Observed band size: 28 kD