
Product Name: SCGF Rabbit Polyclonal Antibody**Catalog #: APRab17644**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	30kDa

Antigen Information

Gene Name	CLEC11A
Alternative Names	CLEC11A; CLECSF3; LSLCL; SCGF; C-type lectin domain family 11 member A; C-type lectin superfamily member 3; Lymphocyte secreted C-type lectin; Stem cell growth factor; p47
Gene ID	6320.0
SwissProt ID	Q9Y240
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CLEC11A. AA range:1-50

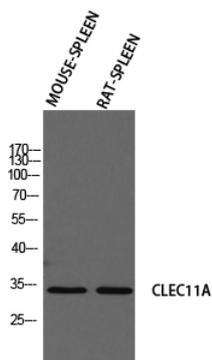
Background

This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined. [provided by RefSeq, Jul 2008],developmental stage:In the bone marrow, expression is limited to immature neutrophils. Expression was not detected in circulating mature neutrophils.,function:Stimulates the proliferation and differentiation of hematopoietic precursor cells from various lineages, including erythrocytes, lymphocytes, granulocytes and macrophages. Acts synergistically with other cytokines, including IL-3, GCSF, GMCSF and FLT3 ligand. Suppresses SCF-stimulated erythrocyte proliferation.,online information:Stem cell growth factor,PTM:O-glycosylated. Probably sulfated on the O-glycans.,similarity:Contains 1 C-type lectin domain.,tissue specificity:Expressed in skeletal tissues including bone marrow, chondrocytes, primary ossification center-associated cells, the perichondrium and periosteum. Lower levels of expression were detected in spleen, thymus, appendix and fetal liver.,

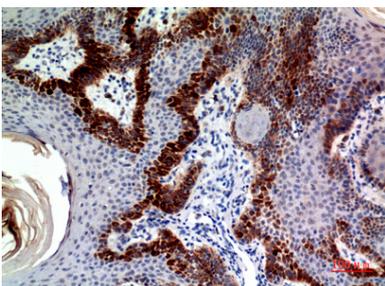
Research Area

Immunology; Innate Immunity; Cytokines

Image Data



Western blot analysis of MOUSE-SPLEEN RAT-SPLEEN using CLEC11A antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100