

SCGF Polyclonal Antibody

Catalog No :	YT5719
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	SCGF
Gene Name :	CLEC11A
Protein Name :	C-type lectin domain family 11 member A
Human Gene Id :	6320
Human Swiss Prot No :	Q9Y240
Mouse Gene Id :	20256
Mouse Swiss Prot No :	O88200
Rat Gene Id :	29313
Rat Swiss Prot No :	O88201
Immunogen :	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CLEC11A. AA range:1-50
Specificity :	SCGF Polyclonal Antibody detects endogenous levels of SCGF protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 30kD

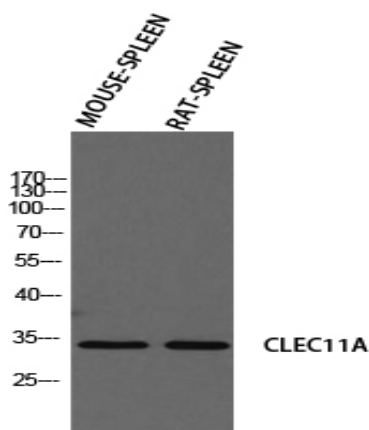
Background : This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined. [provided by RefSeq, Jul 2008],

Function : 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.,

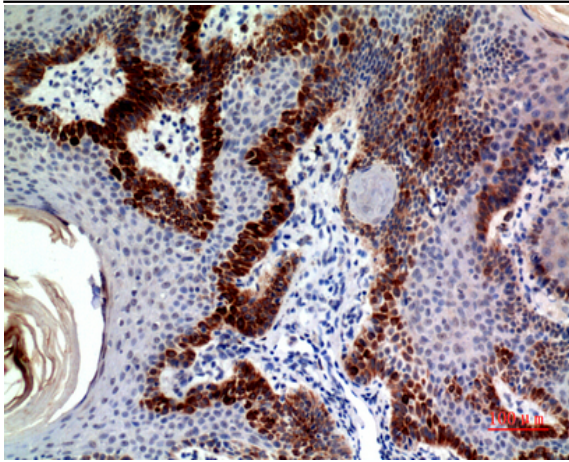
Subcellular Location : Cytoplasm . Secreted .

Expression : 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.

Products Images



Western blot analysis of MOUSE-SPLEEN RAT-SPLEEN using CLEC11A antibody. Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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