

Anti-SCF Rabbit pAb



WL02436

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-SCF Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC	1:100-1:200	
	IF	1:200	
Cellular localization	Secreted; Cell membrane . Cytoplasm, cytoskeleton. Cell projection		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	Stem cell factor (SCF) is a growth factor that is essential for hematopoiesis, melanogenesis and fertility. SCF is also known as mast cell growth factor (MCGF), steel factor (SLF), or kit ligand (KL). The larger form of SCF is expressed in fibroblasts, brain and thymus, while the smaller form is found in spleen, testis, placenta and cerebellum. The SCF ligand is essential for the development of germ cells, hematopoietic progenitor cells and melanocyte precursors. SCF can stimulate the proliferation of mature mast cells as well as the maturation and proliferation of immature mast cells.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of SCF.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

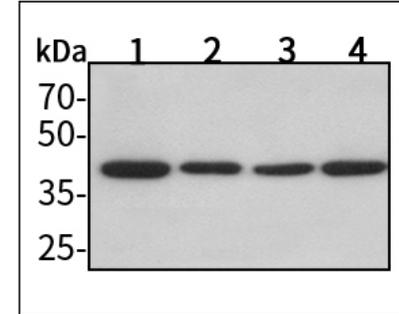
Anti-SCF Rabbit pAb



WL02436

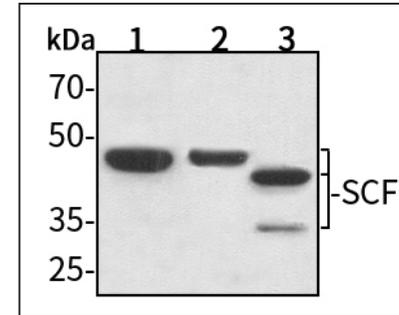
For Research Use Only. Not For Use In Diagnostic Procedures

Product Images



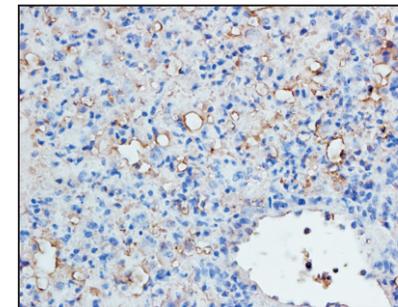
Western blot-Anti-SCF pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human HEK-293 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-SCF at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 31 kDa



Western blot-Anti-SCF pAb

Lane 1: Mouse heart tissue lysate
 Lane 2: Rat stomach tissue lysate
 Lane 3: Rat spleen tissue lysate
 All lanes: Anti-SCF at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 31 kDa



Immunohistochemistry-Anti-SCF pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-SCF Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

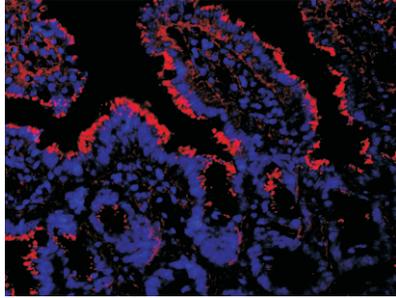
Anti-SCF Rabbit pAb



WL02436

For Research Use Only. Not For Use In Diagnostic Procedures

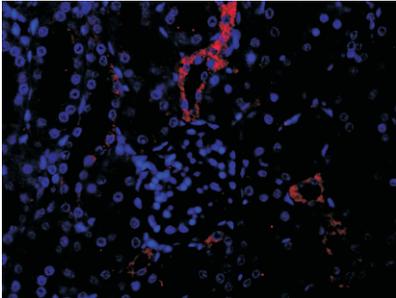
Product Information



Immunofluorescence-Anti-SCF pAb

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-SCF Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-SCF pAb

Immunofluorescence analysis of paraffin-embedded rat kidney using anti-SCF Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0