

Rabbit anti-Human SCF Polyclonal Antibody | anti-KITLG antibody

Anti-SCF antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45006	Rabbit	Human	Immunohistochemistry, Western Blot

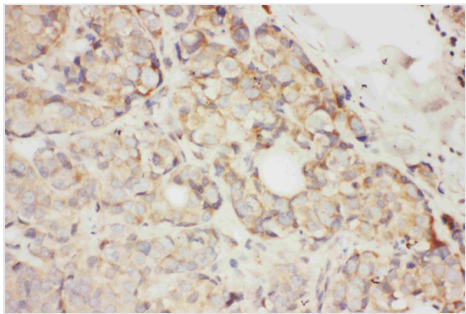
PRODUCT SYNONYMS

SCF; Polyclonal Antibody; Anti-SCF antibody; Kit ligand; KIT ligand; C kit ligand antibody; C-kit ligand antibody; Ckit ligand antibody; DKFZp686F2250 antibody; familial progressive hyperpigmentation 2 antibody; FPH2 antibody; KIT ligand antibody; Kitl antibody; KITLG antibody; KL 1 antibody; KL1 antibody; Mast cell growth factor antibody; MGF antibody; SCF antibody; SF antibody; SHEP7 antibody; sKITLG antibody; Soluble KIT ligand antibody; Steel factor antibody; Stem cell factor antibody; Stem cell factor precursor antibody; anti-KITLG antibody

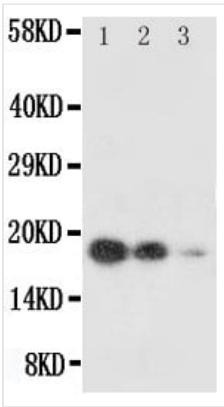
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	273
Applicable Applications for anti-KITLG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SCF (26-44aa DEGICRNRVTNNVKDVTCLV).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-SCF antibody, AAA45006, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-SCF antibody, AAA45006, Western blottingAll lanes: Anti SCF (AAA45006) at 0.5ug/mlLane 1: Recombinant Human SCF Protein 10ngLane 2: Recombinant Human SCF Protein 5ngLane 3: Recombinant Human SCF Protein 2.5ngPredicted bind size: 18.4KDObserved bind size: 18.4KD

ADDITIONAL INFORMATION

Related Product Information for anti-KITLG antibody

Description: Rabbit IgG polyclonal antibody for Kit ligand(KITLG) detection. Tested with WB, IHC-P in Human.
Background: Stem Cell Factor(also known as SCF, kit-ligand, KL, or steel factor) is a cytokine that binds to the c-Kit receptor(CD117). SCF can exist both as a transmembrane protein and a soluble protein. SCF is localized to the long arm of human chromosome 12, between 12q14.3 and 12qter. SCF plays a role in the regulation of HSCs in the stem cell niche in the bone marrow. SCF has been shown to increase the survival of HSCs in vitro and contributes to the self renewal and maintenance of HSCs in-vivo. HSCs at all stages of development express the same levels of the receptor for SCF(c-Kit). The stromal cells that surround HSCs are a component of the stem cell niche, and they release a number of ligands, including SCF.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134289
NCBI GeneID	4254
UniProt Accession #	P21583; Q16487; Q68DZ2; Q7M4N8; Q9UQK7; A0AV09; A8K2Q4; B7ZLM4
Molecular Weight	26,667 Da
NCBI Official Full Name	Kit ligand
NCBI Official Synonym Full Names	KIT ligand
NCBI Official Symbol	KITLG
NCBI Official Synonym Symbols	SF; MGF; SCF; FPH2; KL-1; Kitl; SHEP7
NCBI Protein Information	kit ligand; c-Kit ligand; steel factor; stem cell factor; mast cell growth factor; familial progressive hyperpigmentation 2
UniProt Protein Name	Kit ligand
UniProt Gene Name	KITLG
UniProt Synonym Gene Names	MGF; SCF; MGF; SCF; sKITLG
UniProt Entry Name	SCF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.