

Rabbit KITLG / SCF Polyclonal Antibody | anti-KITLG antibody

Rabbit Polyclonal to Human KITLG / SCF

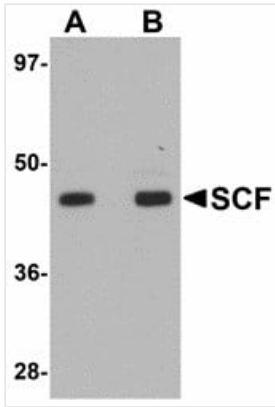
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51121	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

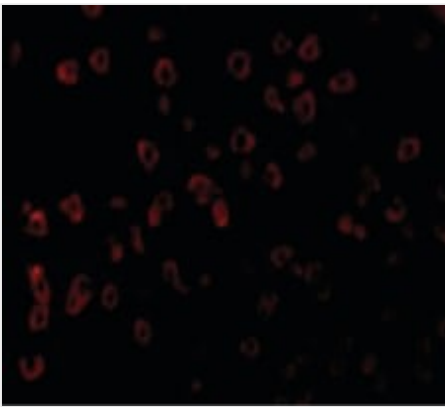
KITLG / SCF; Polyclonal Antibody; Rabbit Polyclonal to Human KITLG / SCF; Anti-KITLG / SCF Antibody (Internal) IHC-plus; KITLG; C-Kit ligand; KIT ligand; Kitl; KL-1; SHEP7; SF; Steel factor; Stem cell factor; SCF; FPH2; Mast cell growth factor; MGF; Human KITLG; anti-KITLG antibody

PRODUCT SPECIFICATIONS

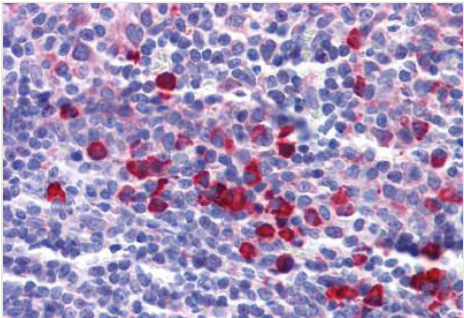
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Human KITLG
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-KITLG antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	An 18 amino acid peptide from near the center of human SCF.
Immunogen Type	Synthetic peptide
Immunogen	KITLG / SCF antibody was raised against an 18 amino acid peptide from near the center of human SCF.
Antigen Modification	Internal
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.



WB (Western Blot)
Western blot of SCF in rat brain tissue lysate with SCF antibody at (A) 1 and (B) 2 ug/ml.



IF (Immunofluorescence)
Immunofluorescence of SCF in Human Brain cells with SCF antibody at 20 ug/ml.



IHC (Immunohistochemistry)
Anti-KITLG / SCF antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-KITLG antibody	MGF encodes mast cell growth factor, the ligand of the tyrosine-kinase receptor encoded by the KIT locus. The MGF gene, also known as 'stem cell factor' (SCF), produces two alternate transcripts: isoform a (lacking exon 6) encodes membrane-bound MGF; isoform b encodes a protein that includes exon 6, which contains a cleavage site rendering the protein susceptible to post-translational proteolysis yielding soluble MGF. Soluble MGF is predominantly found as a non-covalent homodimer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505175
NCBI GeneID	4254
NCBI Accession #	NP_000890.1
NCBI GenBank Nucleotide #	NM_000899.4
UniProt Accession #	P21583; Q16487; Q68DZ2; Q7M4N8; Q9UQK7; A0AV09; A8K2Q4; B7ZLM4
Molecular Weight	26,667 Da
NCBI Official Full Name	kit ligand isoform b
NCBI Official Synonym Full Names	KIT ligand
NCBI Official Symbol	KITLG
NCBI Official Synonym Symbols	SF; MGF; SCF; FPH2; KL-1; Kiti; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kitlg-scf-antibody-western-blot-immunohistochemistry-elisa/51121>