



Anti-KITLG polyclonal antibody (CPBT-45899GR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Goat Polyclonal antibody to Rat KITLG.
Antigen Description	soluble growth factor that activates c-kit tyrosine kinase receptor; important for signaling in spermatogenesis; putative regulator of Leydig cell development
Immunogen	Highly pure (#98%) recombinant Rat SCF.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	Neut , WB, I-ELISA, sELISA
Sequence Similarities	Belongs to the SCF family.
Cellular Localization	Secreted; Cell membrane and Cell membrane. Cytoplasm # cytoskeleton.
Format	Lyophilised:Reconstitute in 100 ul sterile water.
Size	100 µg
Buffer	Preservative: NoneConstituents: PBS, pH 7.2
Preservative	None

Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
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GENE INFORMATION

Gene Name	Kitlg KIT ligand [Rattus norvegicus]
Official Symbol	KITLG
Synonyms	KITLG; KIT ligand; kit ligand; FPH2; C kit ligand; C-kit ligand; Ckit ligand; DKFZp686F2250; familial progressive hyperpigmentation 2; KIT ligand; Kitl; KITLG; KL 1; KL1; Mast cell growth factor; MGF; SCF; SCF_HUMAN; SF; SHEP7; sKITLG; Soluble KIT ligand; Steel factor; Stem cell factor; Stem cell factor precursor; C-kit ligand; stem cell factor KL-1; mast cell growth factor; steel factor/kit ligand; hematopoietic growth factor KL; Mgf; SCF; Kitl;
Entrez Gene ID	60427
Protein Refseq	NP_068615
UniProt ID	P21581
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Melanogenesis, organism-specific biosystem; Melanogenesis, conserved biosystem; Pathways in cancer, organism-specific biosystem; Regulation of KIT signaling, organism-specific biosystem; Signal Transduct
Function	cytokine activity; cytokine activity; growth factor activity; identical protein binding; stem cell factor receptor binding; stem cell factor receptor binding;