

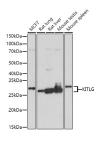
Tel:240-252-7368(USA) Fax: 240-252-7376(USA) techsupport@elabscience.com Website: www.elabscience.com

# KITLG Polyclonal Antibody

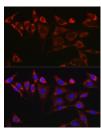
Reactivity Catalog No. E-AB-62830 H,M,R Storage Store at -20°C. Avoid freeze / thaw cycles. Rabbit Host **Applications** WB.IF **Isotype IgG** 

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## **Images**



Western blot analysis of extracts of various cell lines using KITLG Polyclonal Antibody at 1:1000 dilution.



Immunofluorescence analysis of NIH/3T3 cells using KITLG Polyclonal Antibody at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.

## **Immunogen Information**

**Immunogen** Recombinant fusion protein of human KITLG

4254 GeneID **Swissprot** P21583

**Synonyms** KITLG.DCUA.DFNA69.FPH2.FPHH.KL-1.Kitl.MG

F,SCF,SF,SHEP7

#### **Product Information**

Calculated MW 26kDa/27kDa/30kDa

**Observed MW** 31KDa

**Buffer** PBS with 0.01% thiomersal,50% glycerol,pH7.3.

**Purify** Affinity purification

**Dilution** WB 1:500-1:2000,IF 1:50-1:200

#### **Background**

This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene.