







KITLG Antibody

Product Code CSB-PA012376ESR2HU Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. P21583 Immunogen Recombinant Human Kit ligand protein (26-214AA) Raised In Rabbit Species Reactivity Human Tested Applications ELISA, WB; Recommended dilution: WB:1:500-1:2000 Relevance Ligand for the receptor-type protein-tyrosine kinase KIT. Plays an essential role in the regulation of cell survival and proliferation, hematopoiesis, stem cell maintenance, gametogenesis, mast cell development, migration and function, and in melanogenesis, KITLG/SCF binding can activate several signaling pathways. Promotes phosphorylation of PIK3R1, the regulatory subunit of phosphatidylinositol 3-kinase, and subsequent activation of the kinase AKT1. KITLG/SCF and KIT also transmit signals via GRB2 and activation of RAS, RAF1 and the MAP kinases MAPK1/ERK2 and/or MAPK3/ERK1. KITLG/SCF and KIT promote activation of PLCG1, leading to the production of the cellular signaling molecules diacylglycerol and inositol 1,4,5-trisphosphate. KITLG/SCF acts synergistically with other cytokines, probably interleukins. Form Liquid Conjugate Non-conjugated Storage Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3. Purification Method Antigen Affinity Purified Isotype IgG Clonality Polyclonal		
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Research Area Immunology Target Names KITLG	Alias	
Target Names KITLG	Species	Human
	Research Area	Immunology
	Target Names	KITLG
Image	Image	

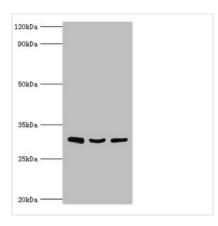


CUSABIO TECHNOLOGY LLC









Western blot

All lanes: Kit ligand antibody at 4µg/ml Lane 1: HepG2 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: Hela whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 31, 28, 27 kDa

Observed band size: 31 kDa