

产品名称: G-CSFR Rabbit Polyclonal Antibody
产品货号: APRab11371



产品概述 (Summary)

产品名称 (Production Name)	G-CSFR Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CSF3R
别名 (Alternative Names)	CSF3R; GCSFR; Granulocyte colony-stimulating factor receptor; G-CSF receptor; G-CSF-R; CD114
基因 ID (Gene ID)	1441.0
蛋白 ID (SwissProt ID)	Q99062.The antiserum was produced against synthesized peptide derived from the Internal region of human CSF3R. AA range:321-370

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	92kDa

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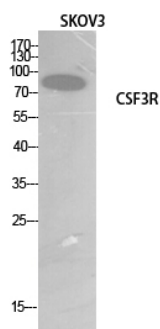
研究背景 (Background)

The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia. [provided by RefSeq, Aug 2010], alternative products: Additional isoforms seem to exist. Experimental confirmation may be lacking for some isoforms, disease: Defects in CSF3R may be a cause of severe congenital neutropenia (SCN) in some patients, domain: The box 1 motif is required for JAK interaction and/or activation, domain: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding, function: Receptor for granulocyte colony-stimulating factor (CSF3). In addition it may function in some adhesion or recognition events at the cell surface, similarity: Belongs to the type I cytokine receptor family. Type 2 subfamily, similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain, similarity: Contains 5 fibronectin type-III domains, subunit: Homodimer. The dimeric receptor binds two CSF3 molecules, tissue specificity: One or several isoforms have been found in myelogenous leukemia cell line KG-1, leukemia U937 cell line, in bone marrow cells, placenta, and peripheral blood granulocytes. Isoform GCSFR-2 is found only in leukemia U937 cells. Isoform GSCFR-3 is highly expressed in placenta,

研究领域 (Research Area)

Cytokine-cytokine receptor interaction; Jak_STAT; Hematopoietic cell lineage; Pathways in cancer;

图片 (Image Data)



Western Blot analysis of SKOV3 cells using G-CSFR Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .