

产品名称: Flt3 (phospho Tyr599) Rabbit Polyclonal Antibody
产品货号: APRab04685



产品概述 (Summary)

产品名称 (Production Name)	Flt3 (phospho Tyr599) 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,Mouse,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	FLT3 FLT3; CD135; FLK2; STK1; Receptor-type tyrosine-protein kinase FLT3; FL cytokine receptor; Fetal liver kinase-2; FLK-2; Fms-like tyrosine kinase 3; FLT-3; Stem cell tyrosine kinase 1; STK-1; CD antigen CD135
别名 (Alternative Names)	
基因 ID (Gene ID)	2322.0
蛋白 ID (SwissProt ID)	P36888.The antiserum was produced against synthesized peptide derived from human FLT3 around the phosphorylation site of Tyr599. AA range:565-614

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
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蛋白分子量 (Molecular Weight) 160kDa

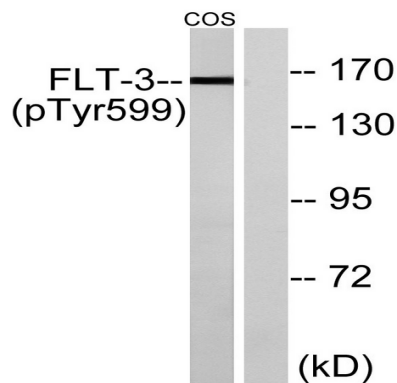
研究背景 (Background)

This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia. [provided by RefSeq, Jan 2015], catalytic activity: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate, function: Receptor for the FL cytokine. Has a tyrosine-protein kinase activity, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily, similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain, similarity: Contains 1 protein kinase domain, subunit: Interacts with Flt3 following ligand activation, tissue specificity: Bone marrow cells,

研究领域 (Research Area)

Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; Pathways in cancer; Acute myeloid leukemia;

图片 (Image Data)



Western blot analysis of lysates from COS7 cells treated with EGF 200ng/ml 30', using FLT3 (Phospho-Tyr599) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .