

产品名称: LIFR Rabbit Polyclonal Antibody
产品货号: APRab13304



产品概述 (Summary)

产品名称 (Production Name)	LIFR Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,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)	LIFR
别名 (Alternative Names)	LIFR; Leukemia inhibitory factor receptor; LIF receptor; LIF-R; CD118
基因 ID (Gene ID)	3977.0
蛋白 ID (SwissProt ID)	P42702.The antiserum was produced against synthesized peptide derived from the Internal region of human LIFR. AA range:731-780

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	120kDa

研究背景 (Background)

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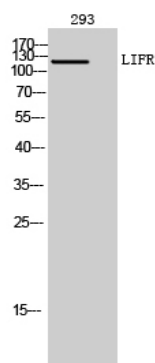
leukemia inhibitory factor receptor alpha(LIFR) Homo sapiens This gene encodes a protein that belongs to the type I cytokine receptor family. This protein combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo. Mutations in this gene cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias. A translocation that involves the promoter of this gene, t(5;8)(p13;q12) with the pleiomorphic adenoma gene 1, is associated with salivary gland pleiomorphic adenoma, a common type of benign epithelial tumor of the salivary gland. Multiple splice variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],disease:A chromosomal rearrangement involving LIFR may be a cause of salivary gland pleiomorphic adenomas (PA) [181030]. Pleiomorphic adenomas are the most common benign epithelial tumors of the salivary gland. Translocation t(5;8)(p13;q12) with PLAG1,disease:Defects in LIFR are the cause of Stueve-Wiedemann syndrome (SWS) [MIM:601559]; also called Schwartz-Jampel syndrome type 2 or SJS2. SWS is a severe autosomal recessive condition and belongs to the group of the bent-bone dysplasias. SWS is characterized by bowing of the lower limbs, with internal cortical thickening, wide metaphyses with abnormal trabecular pattern, and camptodactyly. Additional features include feeding and swallowing difficulties, as well as respiratory distress and hyperthermic episodes, which cause death in the first months of life. The rare survivors develop progressive scoliosis, spontaneous fractures, bowing of the lower limbs, with prominent joints and dysautonomia symptoms, including temperature instability, absent corneal and patellar reflexes, and smooth tongue.,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:Signal-transducing molecule. May have a common pathway with IL6ST. The soluble form inhibits the biological activity of LIF by blocking its binding to receptors on target cells.,similarity:Belongs to the type I cytokine receptor family. Type 2 subfamily.,similarity:Contains 6 fibronectin type-III domains.,subunit:Heterodimer composed of LIFR and IL6ST. The heterodimer formed by LIFR and IL6ST interacts with the complex formed by CNTF and CNTFR.,

研究领域 (Research Area)

Cytokine-cytokine receptor interaction;Jak_STAT;

图片 (Image Data)

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Western Blot analysis of 293 cells using LIFR Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .