

LIFR Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05011
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human LIFR. AA range:731-780
Mol wt	123743
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	LIFR Antibody
Synonyms	LIFR; Leukemia inhibitory factor receptor; LIF receptor; LIF-R; CD118

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

LIFR encodes leukemia inhibitory factor receptor alpha 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.

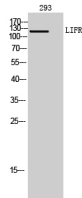
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year