

## LIFR Antibody / LIF Receptor (R32098)

Catalog No.	Formulation	Size
R32098	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P42702
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml
<b>Limitations</b>	This LIFR antibody is available for research use only.



Western blot testing of human 1) SW620, 2) COLO320 and 3) HepG2 cell lysate with LIFR antibody. Expected/observed molecular weight ~124/190 kDa (unmodified/glycosylated).

## Description

LIFR also known as CD118 (Cluster of Differentiation 118), is a subunit of a receptor for leukemia inhibitory factor. 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.

## Application Notes

Optimal dilution of the LIFR antibody should be determined by the researcher.

## Immunogen

Amino acids EWIKETFYDPDIPNPENCKALQFQKSVCEGSSALKTLE of human LIFR were used as the immunogen for the LIFR antibody.

## Storage

After reconstitution, the LIFR antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## References (1)