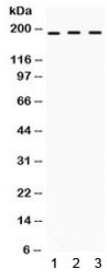
# LIFR Antibody / LIF Receptor (R32098)

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

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| **UniProt** | P42702 |
| **Applications** | Western blot: 0.1-0.5ug/ml |
| **Limitations** | 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 EWIKETFYPDIPNPENCKALQFQKSVCEGSSALKTLE 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

## References (1)


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