

LIFR

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:200 - 1:2000 IHC 1:20 - 1:200

Calculated MW: 124kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human LIFR

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SWS; SJS2; STWS; CD118; LIF-R;

Catalog #: A8031

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3977

Isotype: IgG

Swiss Prot: P42702

Purity: Affinity purification

For research use only.

Background:

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.

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