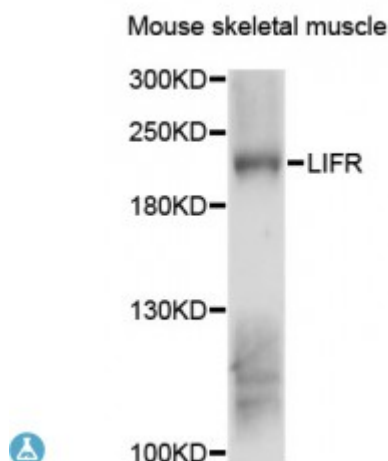


Anti-LIFR Antibody



Description

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.

Model	STJ114935
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 500-700 of human LIFR (NP_002301.1).
Gene ID	3977
Gene Symbol	LIFR
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Leukemia inhibitory factor receptor LIF receptor LIF-R CD antigen CD118
Molecular Weight	123.743 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6597 OMIM:151443 Reactome:R-HSA-6788467
Alternative Names	Leukemia inhibitory factor receptor LIF receptor LIF-R CD antigen CD118
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
Cellular Localization	Cell membrane

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