

Datasheet for ABIN6143204
anti-LIFR antibody (AA 500-700)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LIFR
Binding Specificity:	AA 500-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIFR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 500-700 of human LIFR (NP_002301.1).
Sequence:	NPYTLYTFRI RCSTETFWKW SKWSNKKQHL TTEASPSKGP DTWREWSSDG KNLIYWKPL PINEANGKIL SYNVSCSSDE ETQSLSEIPD PQHKAIEIRLD KNDYIISVVA KNSVGSSPPS KIASMEIPND DLKIEQVVGGM GKGILLTWHY DPNMTCDYVI KWCNSSRSEP CLMDWRKVPS NSTETVIESD EFRPGIRYNF F
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

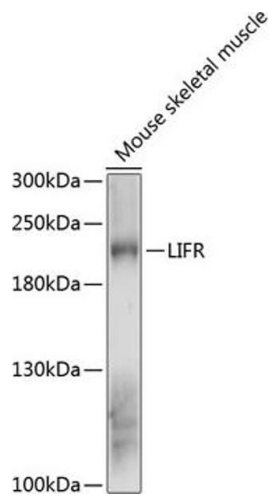
Target:	LIFR
Alternative Name:	LIFR (LIFR Products)
Background:	<p>This gene encodes a protein that belongs to the type I cytokine receptor family. This protein combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, 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.,LIFR,CD118,LIF-R,SJS2,STWS,SWS,Cell Biology & Developmental Biology,Immunology & Inflammation,CD markers,Cytokines,Cell Intrinsic Innate Immunity Signaling Pathway,Stem Cells,Embryonic Stem Cells,LIFR</p>
Molecular Weight:	123 kDa
Gene ID:	3977
UniProt:	P42702
Pathways:	JAK-STAT Signaling , Growth Factor Binding

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of mouse skeletal muscle, using LIFR antibody (ABIN6132110, ABIN6143204, ABIN6143205 and ABIN6216534) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.