10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LIFR Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21029c

Product Information

Application	WB, E
Primary Accession	P42702
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51633
Calculated MW	123743

Additional Information

Gene ID	3977
Other Names	Leukemia inhibitory factor receptor, LIF receptor, LIF-R, CD118, LIFR
Target/Specificity	This LIFR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1021-1055 amino acids from the C-terminal region of human LIFR.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LIFR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LIFR
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 Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein

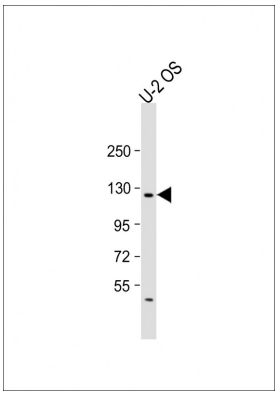
Background

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.

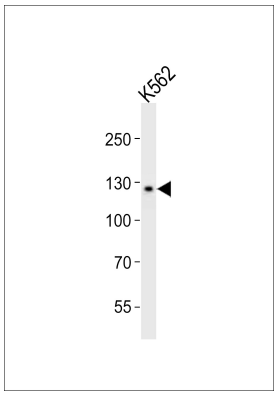
References

Gearing D.P.,et al.EMBO J. 10:2839-2848(1991).
Wang Z.,et al.Submitted (AUG-1996) to the EMBL/GenBank/DDBJ databases.
Voz M.L.,et al.Oncogene 16:1409-1416(1998).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Skiniotis G.,et al.Mol. Cell 31:737-748(2008).

Images



Anti-LIFR Antibody (C-term) at 1:2000 dilution + U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 124 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of lysate from K562 cell line, using LIFR Antibody (C-term)(Cat. #AP21029c). AP21029c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.