

Product Name: CD130 Rabbit Polyclonal Antibody
Catalog #: APRab00957



Summary

Production Name	CD130 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	IL6ST
Alternative Names	Interleukin-6 receptor subunit beta ,IL-6 receptor subunit beta,IL-6R subunit beta,IL-6R-beta, IL-6RB,CDw130
Gene ID	3572.0
SwissProt ID	P40189.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 104 kDa; Observed MW: 130-140kDa

Background

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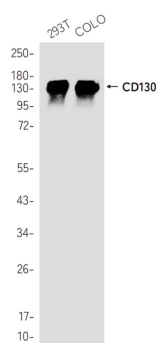


The receptor systems for IL6, LIF, OSM, CNTF, IL11, CTF1 and BSF3 can utilize IL6ST for initiating signal transmission. Binding of IL6 to IL6R induces IL6ST homodimerization and formation of a high-affinity receptor complex, which activates the intracellular JAK-MAPK and JAK-STAT3 signaling pathways.

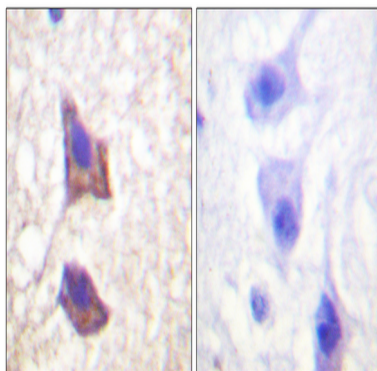
Research Area

Cell Biology

Image Data



Western blot analysis of CD130 in 293T, COLO lysates using CD130 antibody.



Immunohistochemistry analysis of paraffin-embedded human brain using CD130 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

Note

For research use only.