

Datasheet for ABIN1532554

anti-CD130/gp130 antibody (AA 748-797)

3 Images



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Overview

Quantity:	100 µL
Target:	CD130/gp130 (IL6ST)
Binding Specificity:	AA 748-797
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD130/gp130 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CD130/gp130.
Isotype:	IgG
Specificity:	CD130/gp130 Antibody detects endogenous levels of total CD130/gp130 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	CD130/gp130 (IL6ST)
Alternative Name:	CD130/gp130 (IL6ST Products)
Background:	Synonyms: CD130, CDw130, GP130, IL-6R-beta, IL6B, IL6RB, IL6ST, Interleukin 6 signal

Target Details

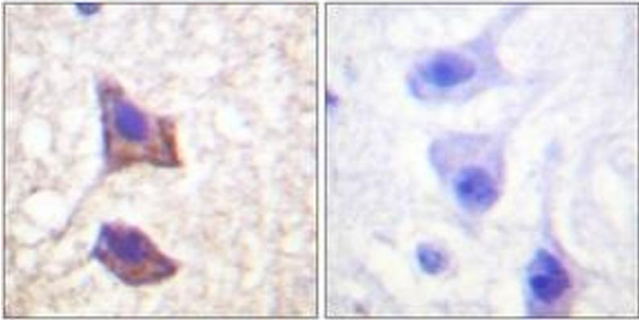
	transducer, Interleukin-6 receptor beta chain precursor, Membrane glycoprotein 130, Oncostatin M receptor NCBI Gene Symbol: IL6ST
Molecular Weight:	103 kDa
Gene ID:	3572
OMIM:	600694
UniProt:	P40189
Pathways:	JAK-STAT Signaling , Cellular Glucan Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Cancer Immune Checkpoints

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.532082 (NCBI Gene Symbol: IL6ST)
Restrictions:	For Research Use only

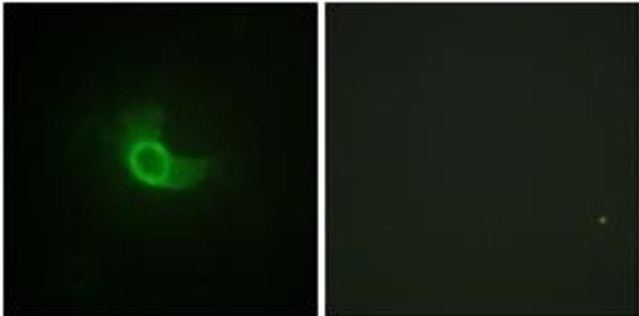
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



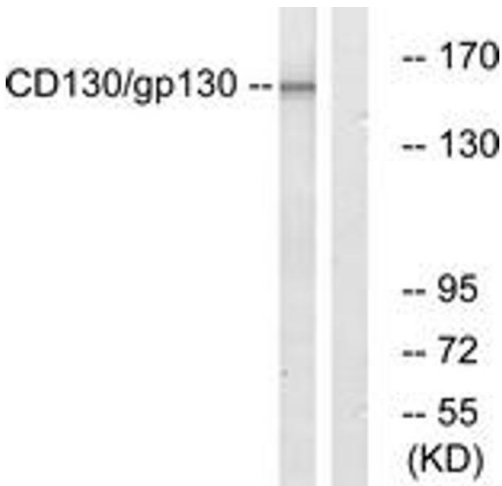
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CD130/gp130 (Ab-782) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells, using CD130/gp130 (Ab-782) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from Jurkat cells, using CD130/gp130 (Ab-782) Antibody. The lane on the right is treated with the synthesized peptide.