

Rabbit CD130/gp130 Polyclonal Antibody | anti-CD130/gp130 antibody

Phospho-CD130/gp130 (Tyr759) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329938	Rabbit	Human, Rat, Monkey	ELISA, Western Blot

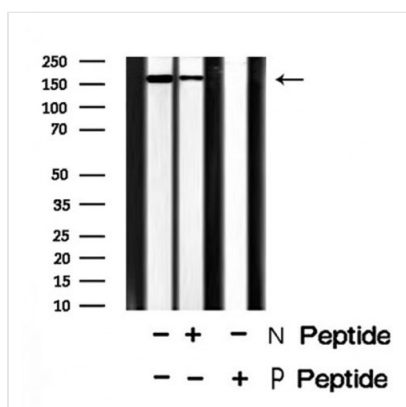
PRODUCT SYNONYMS

CD130/gp130; Polyclonal Antibody; Phospho-CD130/gp130 (Tyr759) Antibody; CD130; CD130 antigen; CDw130; gp130; GP130 RAPS; IL 6R beta; IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; IL6 ST; IL6RB_HUMAN; IL6ST; Interleukin 6 receptor subunit beta; Interleukin receptor beta chain; Interleukin-6 receptor subunit beta; Interleukin-6 signal transducer; Membrane glycoprotein 130; Membrane glycoprotein gp130; Oncostatin M receptor; Oncostatin M receptor alpha subunit; Oncostatin-M receptor subunit alpha; anti-CD130/gp130 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-CD130/gp130 (Tyr759) Antibody detects endogenous levels of CD130/gp130 only when phosphorylated at Tyr759.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD130/gp130 antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD130/gp130 around the phosphorylation site of Tyr759.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis gp130 (Phospho-Tyr759) using COS7 whole cell lysates. -/+ means absence or presence of N peptide (non-phospho peptide) and P peptide (phospho peptide).

ADDITIONAL INFORMATION

Related Product Information for anti-CD130/gp130 antibody	Signal-transducing molecule. 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 Janus kinases. That causes phosphorylation of IL6ST tyrosine residues which in turn activates STAT3. Mediates signals which regulate immune response, hematopoiesis, pain control and bone metabolism (By similarity). Has a role in embryonic development (By similarity). Does not bind IL6. Essential for survival of motor and sensory neurons and for differentiation of astrocytes (By similarity). Required for expression of TRPA1 in nociceptive neurons (By similarity). Required for the maintenance of PTH1R expression in the osteoblast lineage and for the stimulation of PTH-induced osteoblast differentiation (By similarity). Required for normal trabecular bone mass and cortical bone composition (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300244535
NCBI GeneID	3572
NCBI Accession #	NP_001177910.1
NCBI GenBank Nucleotide #	NM_001190981.1
UniProt Accession #	P40189; Q5FC04; Q9UQ41; A0N0L4
Molecular Weight	103,537 Da
NCBI Official Full Name	interleukin-6 receptor subunit beta isoform 3
NCBI Official Synonym Full Names	interleukin 6 signal transducer (gp130, oncostatin M receptor)
NCBI Official Symbol	IL6ST
NCBI Official Synonym Symbols	CD130; GP130; CDW130; IL-6RB
NCBI Protein Information	interleukin-6 receptor subunit beta; CD130 antigen; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; interleukin receptor beta chain; oncostatin-M receptor subunit alpha; gp130 of the rheumatoid arthr
UniProt Protein Name	Interleukin-6 receptor subunit beta
UniProt Gene Name	IL6ST
UniProt Synonym Gene Names	IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; gp130
UniProt Entry Name	IL6RB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd130-gp130-antibody-peptide-elisa-western-blot-elisa/329938>