

Rabbit anti-Human, Mouse GP130/CD130 Polyclonal Antibody | anti-GP130/CD130 antibody

Rabbit anti-GP130/CD130 Antibody, Affinity Purified

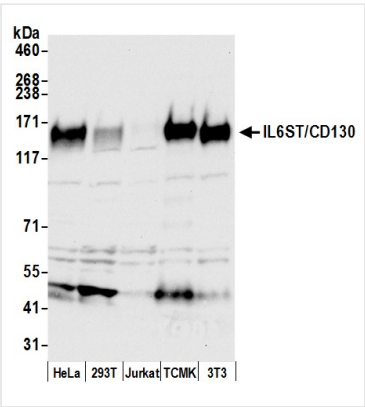
CATALOG # AAA213014	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

GP130/CD130; Polyclonal Antibody; Rabbit anti-GP130/CD130 Antibody; Affinity Purified; membrane glycoprotein gp130; IL-6R-beta; interleukin receptor beta chain; interleukin-6 receptor subunit beta; oncostatin-M receptor subunit alpha; Interleukin-6 signal transducer; membrane glycoprotein 130; IL-6RB; CD130 antigen; IL-6R subunit beta; IL-6 receptor subunit beta; gp130; oncostatin M receptor; gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form; CDW130; CD130; CD antigen CD130; GP130; Interleukin-6 receptor subunit beta; interleukin 6 signal transducer; anti-GP130/CD130 antibody

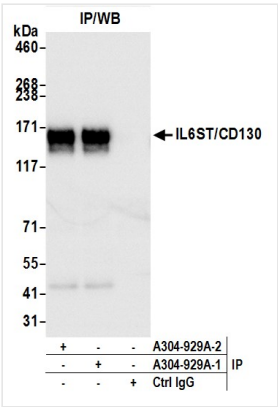
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GP130/CD130 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 868 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse GP130/CD130 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GP130/CD130 antibody AAA213014 (lot AAA213014-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human GP130/CD130 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GP130/CD130 antibody AAA213014 (lot AAA213014-2) used for IP at 6 ug per reaction. GP130/CD130 was also immunoprecipitated by a previous lot of this antibody (lot AAA213014-1). For blotting immunoprecipitated GP130/CD130, AAA213014 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GP130/CD130 antibody	GP130/CD130/IL6ST is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. [taken from NCBI Entrez Gene (Gene ID: 3572)].
Product Categories/Family for anti-GP130/CD130 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	3572
UniProt Accession #	P40189
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.