

Rabbit anti-Human CD130 Polyclonal Antibody | anti-IL6ST antibody

CD130 Antibody (C-term)

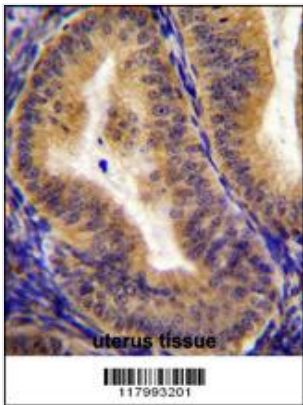
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289373	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

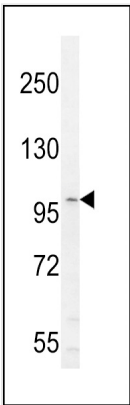
CD130; Polyclonal Antibody; CD130 Antibody (C-term); Interleukin-6 receptor subunit beta; IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; CDw130; Interleukin-6 signal transducer; Membrane glycoprotein 130; gp130; Oncostatin-M receptor subunit alpha; IL6ST; anti-IL6ST antibody

PRODUCT SPECIFICATIONS

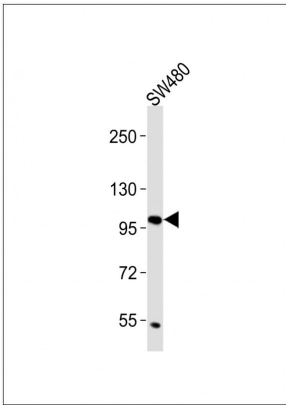
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD130 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 871-899 amino acids from the C-terminal region of human CD130.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	871-899
Sequence Length	857
Applicable Applications for anti-IL6ST antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
CD130 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CD130 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CD130 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the CD130 antibody detected the CD130 protein (arrow).



WB (Western Blot)
Anti-CD130 Antibody (C-term)at 1:2000 dilution + SW480 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 104 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-IL6ST antibody	The protein encoded by this gene 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. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. A related pseudogene has been identified on chromosome 17.
Product Categories/Family for anti-IL6ST antibody	Cancer; Cardiovascular; Cell biology; Immunology; Signal transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Goette, N.P., et al. Exp. Hematol. 38(10):868-876(2010) Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) : Olsen, J.V., et al. Cell 127(3):635-648(2006) Richards, P.J., et al. Arthritis Rheum. 54(5):1662-1672(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	300244535
NCBI GeneID	3572
NCBI Accession #	NP_001177910.1; NP_002175.2; NP_786943.1
NCBI GenBank Nucleotide #	NM_001190981.1
UniProt Accession #	P40189; Q5FC04; Q9UQ41; A0N0L4
Molecular Weight	103537
NCBI Official Full Name	interleukin-6 receptor subunit beta isoform 3
NCBI Official Synonym Full Names	interleukin 6 signal transducer
NCBI Official Symbol	IL6ST
NCBI Official Synonym Symbols	CD130; GP130; CDW130; IL-6RB
NCBI Protein Information	interleukin-6 receptor subunit beta
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-antibody-immunohistochemistry-western-blot-elisa/289373>