

Rabbit IL6ST Polyclonal Antibody | anti-IL6ST antibody

[KO Validated] IL6ST Rabbit pAb

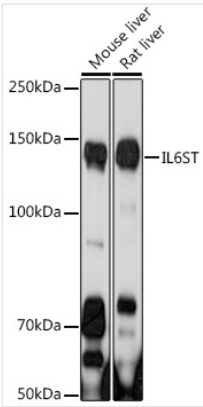
CATALOG # AAA281895	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

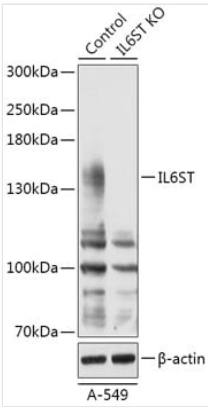
IL6ST; Polyclonal Antibody; [KO Validated] IL6ST Rabbit pAb; CD130; CDW130; GP130; IL-6RB; anti-IL6ST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	PSISSSDENE SSQNTSSTVQ YSTVVHSGYR HQVPSVQVFS RSESTQPLLD SEERPEDLQL VDHVDGGDGI LPRQQYFKQN CSQHESSPDI SHFERSKQVS SVNEEDFVRL KQQISDHISQ SCGSGQMCMF QEVSAADAFG PGTEGQVERF ETVGMEAATD EGMPKSYLPQ TVRQGGYMPQ
Applicable Applications for anti-IL6ST antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 678-857 of human IL6ST (NP_001177910.1).
Cellular Location	Cell membrane, Secreted, Single-pass type I membrane protein
Positive Samples	Mouse liver, Rat liver
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using IL6ST antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.



WB (Western Blot)
Western blot analysis of extracts from normal (control) and IL6ST knockout (KO) A-549 cells, using IL6ST antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-IL6ST antibody	Background: 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 have been described. A related pseudogene has been identified on chromosome 17.
Product Categories/Family for anti-IL6ST antibody	Immunology & Inflammation; CD5; Research; Immunology & Inflammation; Jak-Stat-IL-6 Receptor Signaling Pathway; Research; Cardiovascular; Heart; Hypertrophy

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

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/il6st-antibody-immunofluorescence-western-blot-elisa/281895>