

Rabbit IL6ST Polyclonal Antibody | anti-IL6ST antibody

IL6ST antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201171	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	Immunohistochemistry, Western Blot

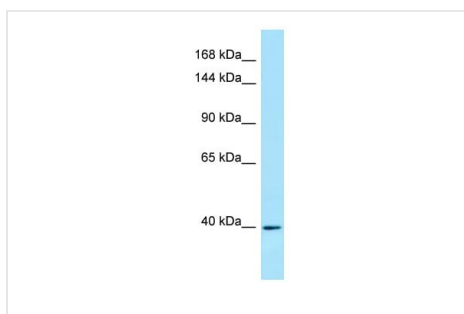
PRODUCT SYNONYMS

IL6ST; Polyclonal Antibody; IL6ST antibody - middle region; anti-IL6ST antibody

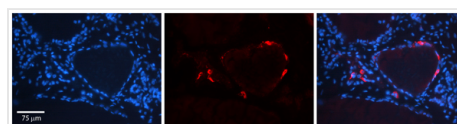
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FT LKSEWATHKF ADCKAKRDTP TSCTVDYSTV YFVNIEVWVE AENALGKV
Sequence Length	329
Applicable Applications for anti-IL6ST antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Rabbit: 77%; Rat: 86%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

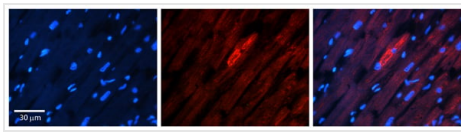


WB (Western Blot)

WB Suggested Anti-IL6ST Antibody Titration: 1.0 ug/ml
Positive Control: MDA-MB-435S Whole Cell


IHC (Immunohistochemistry)

Rabbit Anti-IL6ST Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Thyroid Tissue
Observed Staining: Plasma membrane and cytoplasm in follicular cells
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-IL6ST Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Plasma membrane
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-IL6ST antibody	This is a rabbit polyclonal antibody against IL6ST. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-IL6ST antibody	Polyclonal; Signaling Intermediate; Membrane Protein; Immunology; Disease Related; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	28610149
NCBI GeneID	3572
NCBI Accession #	NP_786943
NCBI GenBank Nucleotide #	NM_175767
UniProt Accession #	P40189
Molecular Weight	35kDa
NCBI Official Full Name	interleukin-6 receptor subunit beta isoform 2
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/il6st-antibody-immunohistochemistry-western-blot-elisa/201171>