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Datasheet for ABIN6257286 anti-IL-11 antibody (N-Term)

Image



Overview

Quantity:	100 µL
Target:	IL-11 (IL11)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human IL11, corresponding to a region within N-terminal amino acids.
lsotype:	lgG
Specificity:	IL11 Antibody detects endogenous levels of total IL11.
Predicted Reactivity:	Pig,Bovine,Horse,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

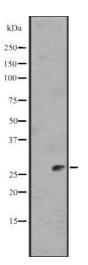
Target:

IL-11 (IL11)

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Alternative Name:	IL11 (IL11 Products)
Background:	Description: Cytokine that stimulates the proliferation of hematopoietic stem cells and
	megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased
	platelet production (PubMed:2145578). Also promotes the proliferation of hepatocytes in
	response to liver damage. Binding to its receptor formed by IL6ST and either IL11RA1 or
	IL11RA2 activates a signaling cascade that promotes cell proliferation (PubMed:12919066).
	Signaling leads to the activation of intracellular protein kinases and the phosphorylation of
	STAT3.
	Gene: IL11
Molecular Weight:	27 kDa
Gene ID:	3589
JniProt:	P20809
Pathways:	JAK-STAT Signaling, Negative Regulation of Hormone Secretion
Application Details	
Application Notes:	WB 1:500-1:2000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
	20 °C
Storage:	-20 °C

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Western Blotting

Image 1. Western blot analysis of IL11 expression in Human Plasma Total Protein Lysate ,The lane on the left is treated with the antigen-specific peptide.

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