

Datasheet for ABIN6142378
anti-IL-3 antibody (AA 20-152)



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1 Image

Overview

Quantity:	100 µL
Target:	IL-3
Binding Specificity:	AA 20-152
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-152 of human IL3 (NP_000579.2).
Sequence:	APMTQTTPK TSWVNCSNMI DEITHLKQP PLPLDFNNL NGEDQDILME>NNLRRPNLEA FNRAVKSLQN ASAIESILKN LLPCLPLATA APTRHPIHIK DGDWNEFRRK LTFYFKTLEN AQAQQTTLSL AIF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	IL-3
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Target Details

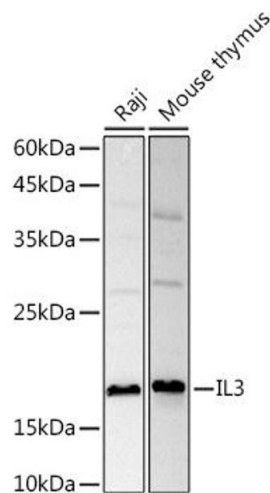
Alternative Name:	IL3 (IL-3 Products)
Background:	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.,IL3,IL-3,MCGF,MULTI-CSF,Cell Biology & Developmental Biology,Apoptosis,Growth factor,Immunology & Inflammation,Cytokines,Interleukins,Cell Intrinsic Innate Immunity Signaling Pathway,IL3
Molecular Weight:	17 kDa
Gene ID:	3562
UniProt:	P08700
Pathways:	JAK-STAT Signaling , Regulation of Carbohydrate Metabolic Process , Autophagy

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IL3 antibody (ABIN6133013, ABIN6142378, ABIN6142379 and ABIN6221321) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.