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Datasheet for ABIN7438148
anti-IL3RA antibody (AA 167-331)

3 Images

Overview

Quantity:	100 µL
Target:	IL3RA
Binding Specificity:	AA 167-331
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL3RA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Interleukin 3 Receptor Alpha (IL3Ra)
Immunogen:	Recombinant Interleukin 3 Receptor Alpha (IL3Ra) corresponding to His167~Lys331 (Accession # P26952)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IL3Ra. It has been selected for its ability to recognize IL3Ra in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

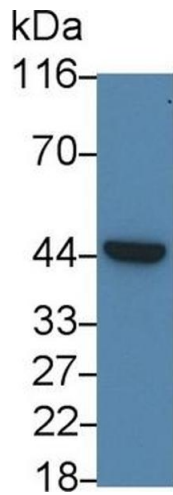
Target:	IL3RA
Alternative Name:	Interleukin 3 Receptor Alpha (IL3RA Products)
Background:	CD123, IL3R-A, IL3RY, IL3RAY, IL3R, IL3RAY, IL3RY, hIL-3Ra
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:230-940 Immunohistochemistry: 5-20 µg/mL 1:23-94 Immunocytochemistry: 5-20 µg/mL 1:23-94 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

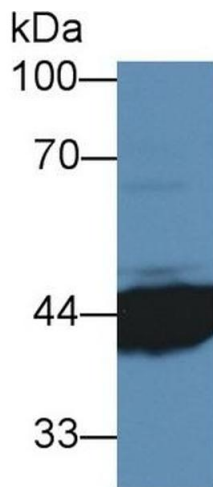
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of IL3Ra in Mouse Cerebrum lysate using Polyclonal Antibody to Interleukin 3 Receptor Alpha (IL3Ra)



Western Blotting

Image 2. Detection of IL3Ra in Human MCF7 cell lysate using Polyclonal Antibody to Interleukin 3 Receptor Alpha (IL3Ra)



Western Blotting

Image 3. Detection of IL3Ra in Human A549 cell lysate using Polyclonal Antibody to Interleukin 3 Receptor Alpha (IL3Ra)