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Datasheet for ABIN7430666
anti-IL-13 antibody (AA 25-131)

3 Images

Overview

Quantity:	100 µL
Target:	IL-13 (IL13)
Binding Specificity:	AA 25-131
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Interleukin 13 (IL13)
Immunogen:	Recombinant Interleukin 13 (IL13) corresponding to Pro25~Gly131 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IL13. It has been selected for its ability to recognize IL13 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	IL-13 (IL13)
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Target Details

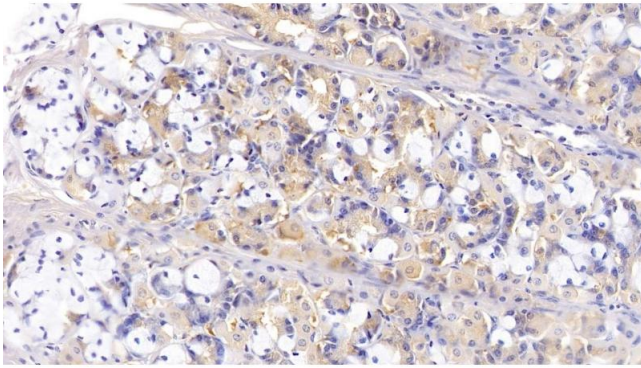
Alternative Name:	Interleukin 13 (IL13 Products)
Background:	ALRH, BHR1, P600, IL-13, NC30
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Proton Transport

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

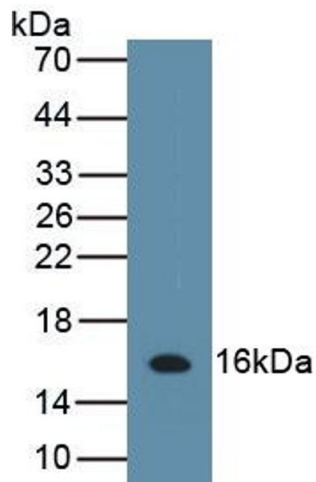
Handling

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



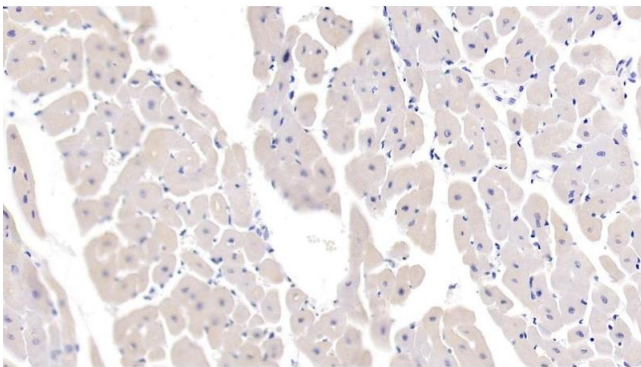
Immunohistochemistry

Image 1. Detection of IL13 in Porcine Stomach Tissue using Polyclonal Antibody to Interleukin 13 (IL13)



Western Blotting

Image 2. Detection of Recombinant IL13, Porcine using Polyclonal Antibody to Interleukin 13 (IL13)



Immunohistochemistry

Image 3. Detection of IL13 in Porcine Cardiac Muscle Tissue using Polyclonal Antibody to Interleukin 13 (IL13)