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Datasheet for ABIN7430825

## anti-IL-5 antibody (AA 20-134)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	IL-5 (IL5)
Binding Specificity:	AA 20-134
Reactivity:	Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Interleukin 5 (IL5)
Immunogen:	Recombinant Interleukin 5 (IL5) corresponding to Phe20~Ser134
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IL5. It has been selected for its ability to recognize IL5 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### Target Details

Target:	IL-5 (IL5)
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## Target Details

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Alternative Name:	Interleukin 5 ( <a href="#">IL5 Products</a> )
Background:	E-CSF, ESGF, EDF, TRF, Colony-Stimulating Factor, Eosinophil, T-Cell replacing Factor, B Cell Differentiation Factor I, Eosinophil Differentiation Factor
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Feeding Behaviour</a>

## Application Details

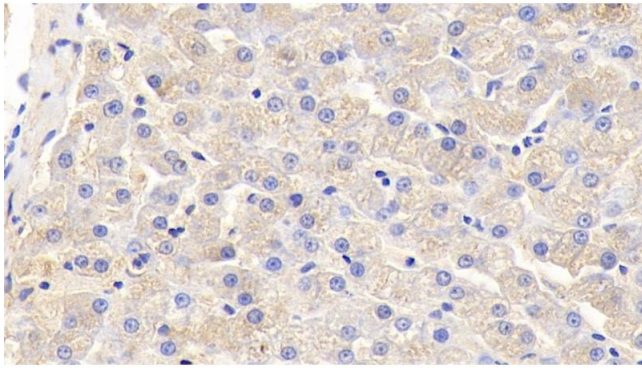
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

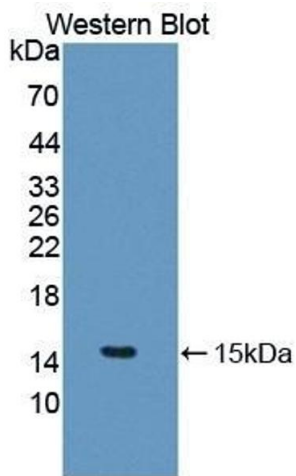
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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 IL5 in Canine Liver Tissue using Polyclonal Antibody to Interleukin 5 (IL5)



### Western Blotting

**Image 2.** Detection of Recombinant IL5, Canine using Polyclonal Antibody to Interleukin 5 (IL5)