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Datasheet for ABIN7431275  
**anti-ELANE antibody (AA 31-271)**

1 Image

Overview

Quantity:	100 µL
Target:	ELANE
Binding Specificity:	AA 31-271
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELANE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Neutrophil Elastase (NE)
Immunogen:	Recombinant Neutrophil Elastase (NE) corresponding to Ser31~Asn271 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NE. It has been selected for its ability to recognize NE in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ELANE
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## Target Details

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Alternative Name:	Neutrophil Elastase ( <a href="#">ELANE Products</a> )
Background:	ELANE, HLE, HNE, ELA2, PMN-E, Neutrophil Elastase, Medullasin, Polymorphonuclear Leukocyte Elastase, Bone Marrow Serine Protease, Human Leukocyte Elastase, PMN Elastase

## Application Details

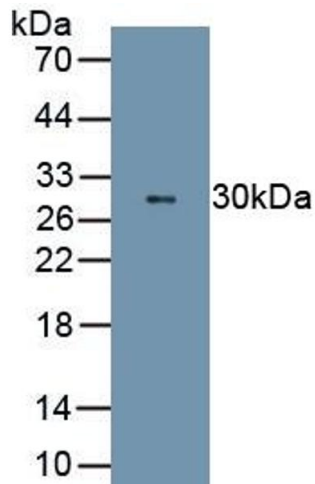
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by 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



### Western Blotting

**Image 1.** Detection of Recombinant ELA2, Rat using Polyclonal Antibody to Neutrophil Elastase (NE)