

Datasheet for ABIN7431269
anti-ELANE antibody (AA 30-247)

5 Images

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Overview

Quantity:	100 µL
Target:	ELANE
Binding Specificity:	AA 30-247
Reactivity:	Human
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 Ile30~Gln247 with N-terminal His and GST 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

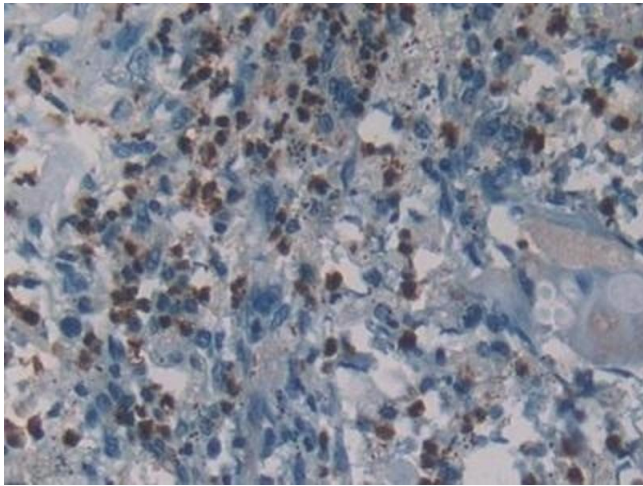
Alternative Name:	Neutrophil Elastase (ELANE Products)
Background:	ELANE, HLE, HNE, ELA2, PMN-E, Neutrophil Elastase, Medullasin, Polymorphonuclear Leukocyte Elastase, Bone Marrow Serine Protease, Human Leukocyte Elastase, PMN Elastase

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

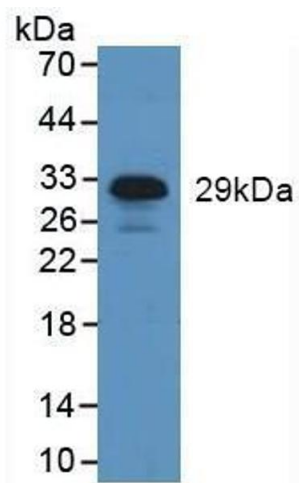
Handling

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



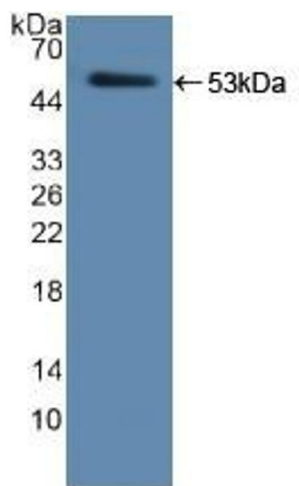
Immunohistochemistry

Image 1. Detection of NE in Human Lung cancer Tissue using Polyclonal Antibody to Neutrophil Elastase (NE)



Western Blotting

Image 2. Detection of NE in Human Leukocyte Cells using Polyclonal Antibody to Neutrophil Elastase (NE)



Western Blotting

Image 3. Detection of Recombinant ELA2, Human using Polyclonal Antibody to Neutrophil Elastase (NE)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7431269.