

# ELA2 Polyclonal antibody

Catalog Number: 17943-1-AP

2 Publications

## Basic Information

## Catalog Number:

17943-1-AP

## Size:

130 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG12372

## GenBank Accession Number:

BC074816

## GeneID (NCBI):

1991

## UNIPROT ID:

P08246

## Full Name:

elastase 2, neutrophil

## Calculated MW:

267 aa, 29 kDa

## Purification Method:

Antigen affinity purification

## Applications

## Tested Applications:

ELISA

## Cited Applications:

IF

## Species Specificity:

human, mouse, rat

## Cited Species:

bovine

## Background Information

ELA2 (Neutrophil elastase) is also named as ELAL, NE, HLE, HNE, PMN-E, SERP1, GE, ELANE and belongs to the peptidase S1 family. It is a 33-kDa enzyme with several isoforms that differ in their extent of glycosylation (PMID:12223222). Human neutrophil elastase (HNE) is a serine protease with potent proteolytic activity (3), which is reported to cause mucin secretion (degranulation) (PMID:12169572). It may contribute to the directed migration of leukocytes into flamed postcapillary venules in addition to contributing to the process of tissue emigration (PMID:9683424). The full length protein has a signal peptide, propeptide and three glycosylation sites.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiechen Zhou	33180264	Biol Trace Elem Res	IF
Nan Wang	31285854	Cell Death Discov	

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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