

# ELA1 Polyclonal antibody

Catalog Number: 55342-1-AP

## Basic Information

**Catalog Number:**

55342-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_001971

**GeneID (NCBI):**

1990

**UNIPROT ID:**

Q9UNI1

**Full Name:**

elastase 1, pancreatic

**Calculated MW:**

28 kDa

**Observed MW:**

28 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : A375 cells,

## Background Information

Chymotrypsin-like elastase 1 (Cela1) is a digestive protease that is expressed during lung development in association with regions of elastin remodeling, exhibits stretch-dependent expression during lung regeneration, and binds lung elastin in a stretch-dependent manner..

## Storage

**Storage:**

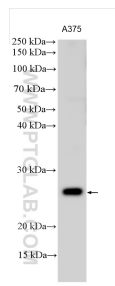
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55342-1-AP (ELA1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.