

Datasheet for ABIN6654159  
**anti-RNASE3 antibody (AA 28-160)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	RNASE3 (ECP)
Binding Specificity:	AA 28-160
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNASE3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Human recombinant protein (amino acids R28-I160) was used as the immunogen for the Ribonuclease 3 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

## Target Details

Target:	RNASE3 (ECP)
Alternative Name:	Ribonuclease 3 / RNASE3 ( <a href="#">ECP Products</a> )
Background:	Eosinophil Cationic Protein (ECP) also known as Ribonuclease 3 is a basic protein located in the eosinophil primary matrix. In humans, the eosinophil cationic protein is encoded by the RNASE3 gene. The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset

## Target Details

of the ribonuclease A superfamily. ECP is released during degranulation of eosinophils. This protein is related to inflammation and asthma because in these cases, there are increased levels of ECP in the body.

UniProt: [P12724](#)

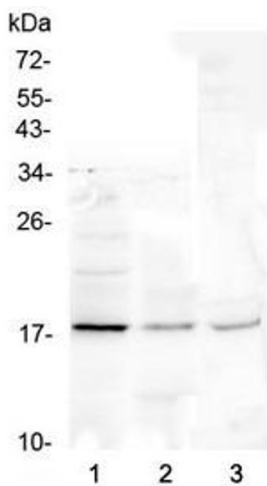
## Application Details

Application Notes:	Optimal dilution of the Ribonuclease 3 antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL,Immunohistochemistry (FFPE): 1-2 µg/mL,Direct ELISA: 0.1-0.5 µg/mL (human recombinant protein)
Restrictions:	For Research Use only

## Handling

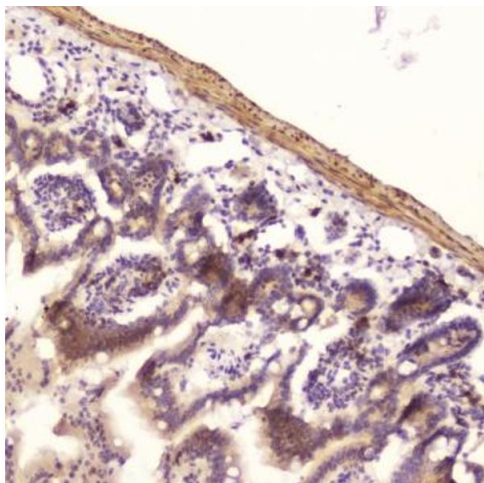
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Ribonuclease 3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



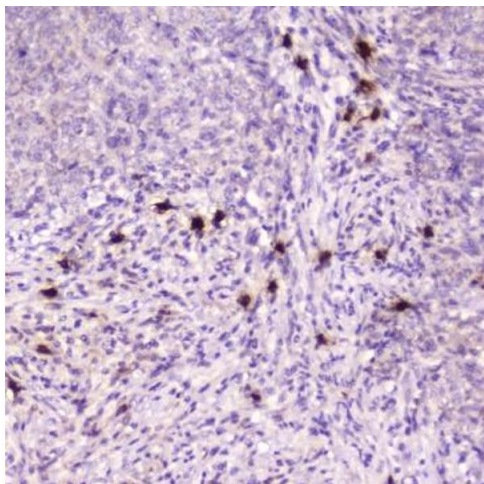
### Western Blotting

**Image 1.** Western blot testing of 1) human Jurkat, 2) rat liver and 3) mouse liver lysate with Ribonuclease 3 antibody at 0.5ug/ml. Predicted molecular weight ~18 kDa.



#### Immunohistochemistry

**Image 2.** IHC testing of FFPE mouse small intestine with Ribonuclease 3 antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



#### Immunohistochemistry

**Image 3.** IHC testing of FFPE human sarcoma with Ribonuclease 3 antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.