

**Product Name: Alliinase Rabbit Polyclonal Antibody**  
**Catalog #: APRab00434**



## Summary

<b>Production Name</b>	Alliinase Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Plants

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	-
<b>Alternative Names</b>	Alliin lyase 1
<b>Gene ID</b>	-
<b>SwissProt ID</b>	Q01594

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 56 kDa; Observed MW: 50 kDa

## Background

Able to cleave the C-S bond of sulfoxide derivatives of Cys to produce allicin, thus giving rise to all sulfur compounds which

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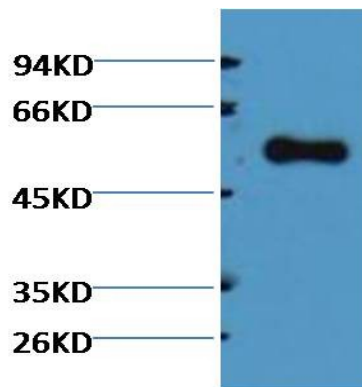


are responsible for most of the properties of garlic, such as the specific smell and flavor as well as the health benefits like blood lipid or blood pressure lowering.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Alliinase in purified alliinase lysates using Alliinase antibody.

## Note

For research use only.