

# Alliinase Rabbit Polyclonal Antibody

Catalog No.: RA20404

## Basic Information

### Information

Reactivity	Allium sativum L
Immunogen	Purified Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	50KD

### Applications

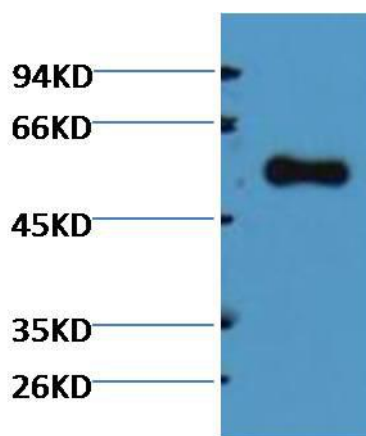
### Recommended Dilution

WB	1:3,000
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## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of purified alliinase with alliinase Rabbit Polyclonal antibody diluted at 1:5,000.

## Background

Alliinase is responsible for catalyzing chemical reactions that produce the volatile chemicals that give these foods their flavors, odors, and tear-inducing properties. Alliinases are part of the plant's defense against herbivores. Alliinase is normally sequestered within a plant cell, but, when the plant is damaged by a feeding animal, the alliinase is released to catalyze the production of the pungent chemicals.