

Alliinase Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06202
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Purified Protein
Mol wt	N/A
Species reactivity	AlliumsativumL
Clonality	Polyclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	N/A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

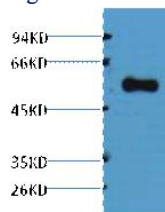
Alliinase are found in plants of the genus *Allium*, such as garlic and onions. Alliinase is responsible for catalyzing chemical reactions that produce the volatile chemicals that give these foods their flavors, odors, and tear-inducing properties. Alliinases are part of the plant's defense against herbivores. 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. This tends to have a deterrent effect on the animal. The same reaction occurs when onion or garlic is cut with a knife in the kitchen.

Recommended Dilution

WB: 1: 3000

Not yet tested in other applications.

Images



Western blot analysis of purified alliinase, diluted at 1:5000. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year