



Alliinase Polyclonal Antibody

Cat No: HR1AP2271

For research use only

Overview

Product Name	Alliinase Polyclonal Antibody
Source	Rabbit
Applications	WB
Species Reactivity	AlliumsativumL
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	50kDa
GeneID?Human?	
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	Alliinase are found in plants of the genus <i>Allium</i> , 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.