



Alliinase rabbit pAb

Cat No.:ES20839

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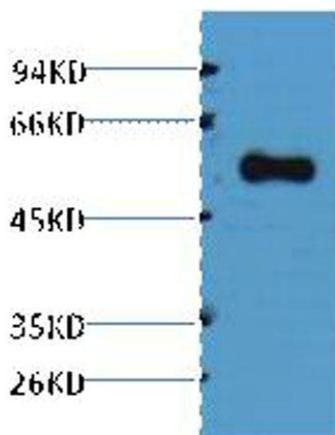
Overview

Product Name	Alliinase rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	AlliumsativumL
Recommended dilutions	WB: 1:3000
Immunogen	Purified Protein
Specificity	The antibody detects endogenous and recombinant Alliinase proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	
Gene Name	
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	50kD
Human Gene ID	
Human Swiss-Prot Number	
Alternative Names	YM3225
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.



Western blot analysis of purified alliinase, diluted at 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

