



Sheep Anti-Zearalenone Polyclonal Antibody (CABT-Z464S)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Zearalenone-BTG
Isotype	IgG
Source/Host	Sheep
Species Reactivity	N/A
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS with sodium azide
Preservative	0.1% Sodium Azide
Storage	Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction

Zearalenone (ZEA), also known as RAL and F-2 mycotoxin, is a potent estrogenic metabolite produced by some *Gibberella* species. Several *Fusarium* species produce toxic substances of considerable concern to livestock and poultry producers: namely, deoxynivalenol, T-2 toxin, HT-2 toxin, diacetoxyscirpenol (DAS) and zearalenone. Zearalenone is the primary toxin, causing infertility, abortion or other breeding problems, especially in swine. Zearalenone is heat-stable and is found worldwide in a number of cereal crops, such as maize, barley, oats, wheat, rice, and sorghum and also in bread.

Keywords

7(8h)-dione;compoundf-2;f-2toxin;fusariumtoxin;nci-c50226;toxinf2