

Product datasheet

Anti-Ochratoxin A antibody ab35133

Overview

<b>Product name</b>	Anti-Ochratoxin A antibody
<b>Description</b>	Rabbit polyclonal to Ochratoxin A
<b>Host species</b>	Rabbit
<b>Specificity</b>	Ochratoxin A: 100%. Ochratoxin B: 1%. BSA (adsorbed): <0.1%. In competitive ELISA (HRP detection) with antibody (BSA adsorbed on solid phase prior to use) at 1/200. Plates coated with unconjugated Ochratoxin.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Chemical/ Small Molecule corresponding to Ochratoxin A conjugated to Bovine Serum Albumin (BSA).

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	Purified IgG prepared by affinity chromatography on Protein G
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab35133** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/100 - 1/400.

## Target

### Relevance

Ochratoxin A is a polyketide-derived dihydroiso-coumarin moiety linked through the 12-carboxy group to phenylalanine. Ochratoxin A is the most important and most commonly occurring of a structurally related group of compounds. It is produced by some species of *Aspergillus*, such as *A. ochraceus*, mainly in tropical regions, and by *Penicillium verrucosum*, a common storage fungus in temperate areas such as Canada, eastern and north western Europe and parts of South America. Ochratoxin A is a potent toxin affecting mainly the kidneys, in which it can cause both acute and chronic lesions, whereas its dechloro derivative, ochratoxin B, is non-toxic. A nephrotoxic effect has been demonstrated in all mammalian species.

### Cellular localization

Secreted

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