

Datasheet for ABIN568342

anti-Oxalate Decarboxylase antibody[Go to Product page](#)

Overview

Quantity:	10 mg
Target:	Oxalate Decarboxylase
Reactivity:	Aspergillus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oxalate Decarboxylase antibody is un-conjugated
Application:	Immunofluorescence (IF), Western Blotting (WB), Dot Blot (DB), Enzyme Immunoassay (EIA), Immunodiffusion (ID), Immunoprecipitation (IP), Radioimmunoassay (RIA)

Product Details

Immunogen:	Oxalate Decarboxylase isolated and purified from Aspergillus species. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Oxalate Decarboxylase from Aspergillus species. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and enzyme inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined.
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography

Target Details

Target:	Oxalate Decarboxylase
Abstract:	Oxalate Decarboxylase Products
Background:	Oxalates in animals including humans originate mostly from the diet, especially through ingestion of leafy vegetables and other plant parts. The catabolic pathway of oxalic acid is present in bacteria, fungi, and plants but not in vertebrates. Therefore, management of oxalate in humans is very important because of the absence of any enzyme system that can degrade oxalate. Excess ingestion of oxalate leads to an acute oxalate toxicity, which can result in a variety of disorders including renal failure and urolithiasis (Curhan 1997).Synonyms: OXDC, Oxalate Carboxy-lyase
Gene ID:	3513167
NCBI Accession:	XP_755793
UniProt:	Q4X060

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore by adding 1.0 mL of sterile distilled water
Concentration:	10 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody lyophilized at 2-8 °C and reconstituted at 2-8 °C for one week or (in aliquots) at -20 °C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation.