



[Go to Product page](#)

Datasheet for ABIN1001448  
**anti-Oxazepam antibody**

### Overview

Quantity:	1 mg
Target:	Oxazepam
Reactivity:	Various Species
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Oxazepam antibody is un-conjugated
Application:	ELISA, Immunoassay (IA), Affinity Purification (AP)

### Product Details

Purpose:	Oxazepam
Immunogen:	Oxazepam-BSA/KLH
Isotype:	IgG
Specificity:	ELISA microtitre plate based and expressed as % crossreactivity*. The antibody exhibited crossreactivity for the following compounds: Lorazepam < 5.1 % ,Nitrazepam 187.9 % ,Flunitrazepam < 5.1 % ,7-Aminoflunitrazepam < 5.1 % ,Clobazam < 5.1 % ,Clonazepam 8.9 % ,7-Aminoclonazepam < 5.1 % ,Diazepam < 5.1 % ,Nordiazepam 229.0 % , Temazepam < 5.1 % ,Alprazolam < 5.1 % ,Triazolam < 5.1 % ,Bromazepam 29.0 % ,Prazepam < 5.1 % , * crossreactivity profile may vary with tracer used.
Purification:	Salt fractionation.

## Target Details

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Target: Oxazepam

Abstract: [Oxazepam Products](#)

Target Type: Chemical

Background: The benzodiazepines are a group of over 20 structurally related central nervous system depressant drugs, each group varying considerably in their potency and clinical effects.

## Application Details

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Application Notes: Application\_Dilutions: 2.5 µg/mL  
Tested\_Applications: The antibody is suitable for the development of immunoassays or immunoaffinity purification columns.

Comment: 10 ng/mL Oxazepam produces 93 % inhibition in a competitive ELISA employing Oxazepam polyclonal antibody.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: 20 mM Phosphate, 150 mM Sodium Chloride. pH 7.4, 0.09 % Sodium Azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Can be stored for up to 3 months at +2°C - +8°C. For long term storage, aliquot and store at ≤-20 °C. Avoid repeated freeze/thaw cycles. Product should be protected from light exposure.