

Datasheet for ABIN631259  
**anti-TDO2 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	TDO2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDO2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	TDO2 antibody was raised using the N terminal of TDO2 corresponding to a region with amino acids LFIITHQAYELWFKQILWELDSVREIFQNGHVDRERNMLKVVSRMHRVSV
Specificity:	TDO2 antibody was raised against the N terminal of TDO2
Purification:	Affinity purified

## Target Details

Target:	TDO2
Alternative Name:	TDO2 ( <a href="#">TDO2 Products</a> )
Background:	Tryptophan 2,3-dioxygenase (EC 1.13.11.11) plays a role in catalyzing the first and rate-limiting step in the kynurenine pathway, the major pathway of tryptophan metabolism.

## Target Details

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Molecular Weight: 48 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: TDO2 Blocking Peptide, catalog no. 33R-4940, is also available for use as a blocking control in assays to test for specificity of this TDO2 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of TDO2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

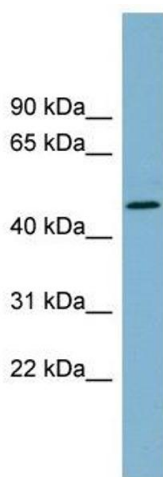
Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images

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### Western Blotting

**Image 1.** TDO2 antibody used at 1 ug/ml to detect target protein.