

Anti-TDO2/TDO antibody ab76859

[1 References](#) [1 Image](#)

Overview

Product name	Anti-TDO2/TDO antibody
Description	Mouse polyclonal to TDO2/TDO
Host species	Mouse
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human TDO2/TDO. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: NP_005642.1
Positive control	TDO2/TDO transfected lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab76859 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		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 48 kDa.

Target

Function

Incorporates oxygen into the indole moiety of tryptophan. Has a broad specificity towards tryptamine and derivatives including D- and L-tryptophan, 5-hydroxytryptophan and serotonin.

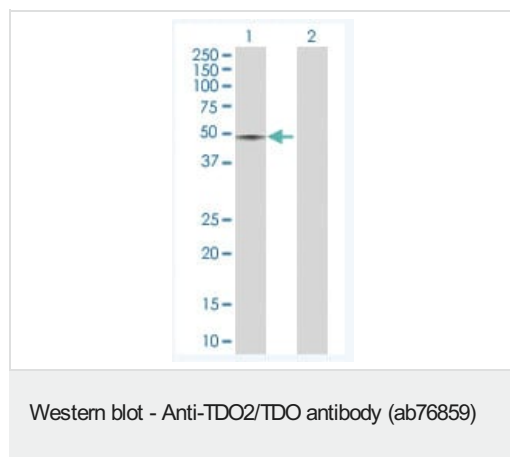
Pathway

Amino-acid degradation; L-tryptophan degradation via kynurenine pathway; L-kynurenine from L-tryptophan: step 1/2.

Sequence similarities

Belongs to the tryptophan 2,3-dioxygenase family.

Images



All lanes : Anti-TDO2/TDO antibody (ab76859) at 1/500 dilution

Lane 1 : TDO2/TDO transfected 293T cells lysate

Lane 2 : Non transfected 293T cells lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 48 kDa

Observed band size: 48 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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