

Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] ab117761

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Overview

Product name	Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9]
Description	Mouse monoclonal [4F3-A8-D9] to TBLR1/TBL1XR1
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human, African green monkey
Immunogen	Recombinant fragment corresponding to Human TBLR1/TBL1XR1. Database link: Q9BZK7
Positive control	WB: K562 whole cell lysate, Mouse heart lysate, Mouse brain lysate ICC: HeLa cells IHC-P: Human breast cancer
General notes	<p>This product was changed from ascites to tissue culture supernatant on 17.08.2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin 300 Constituent: 50% Glycerol
Purity	Concentrated Culture Supernatant
Clonality	Monoclonal
Clone number	4F3-A8-D9

Isotype

IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab117761 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
WB		1/1000. Detects a band of approximately 60 kDa (predicted molecular weight: 56 kDa).
IHC-P		1/500 - 1/1000.
ICC/IF		1/150 - 1/200.

Target

Function

F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. Plays an essential role in transcription activation mediated by nuclear receptors. Probably acts as integral component of the N-Cor corepressor complex that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteasomal degradation of N-Cor complex, thereby allowing cofactor exchange, and transcription activation.

Tissue specificity

Ubiquitous.

Sequence similarities

Belongs to the WD repeat EBI family.

Contains 1 F-box-like domain.

Contains 1 LisH domain.

Contains 8 WD repeats.

Domain

The F-box-like domain is related to the F-box domain, and apparently displays the same function as component of ubiquitin E3 ligase complexes.

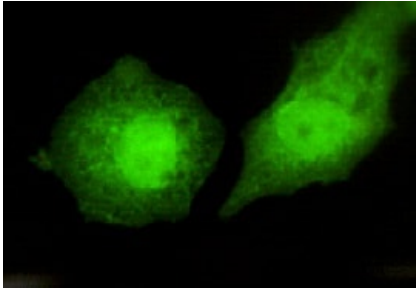
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

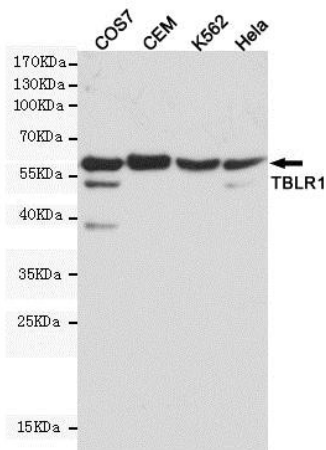
Nucleus.

Images



Immunocytochemistry/ Immunofluorescence - Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761)

ab117761, at 1/150 dilution, staining TBLR1/TBL1XR1 in HeLa cells by Immunocytochemistry. This image was produced with antibody produced in ascites.



Western blot - Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761)

All lanes : Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761) at 1/1000 dilution

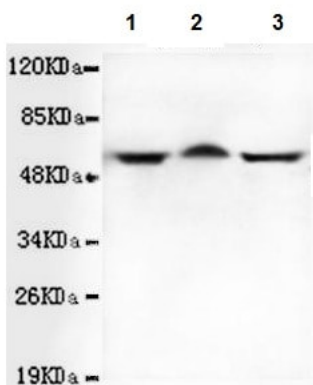
Lane 1 : COS-7 (African green monkey kidney fibroblast-like cell line) cell lysate

Lane 2 : CEM cell lysate

Lane 3 : K562 cell lysate

Lane 4 : HeLa cell lysate

Predicted band size: 56 kDa



Western blot - Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761)

All lanes : Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761) at 1/1000 dilution

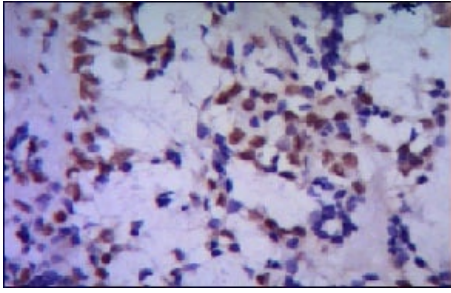
Lane 1 : Mouse Brain Lysate

Lane 2 : Mouse Heart Lysate

Lane 3 : K562 cell Lysate

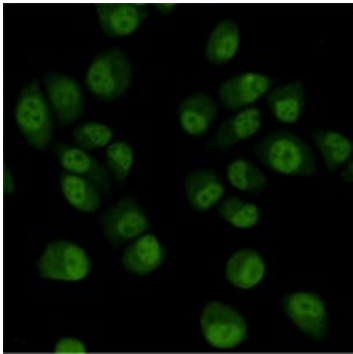
Predicted band size: 56 kDa

This image was produced with antibody produced in ascites.



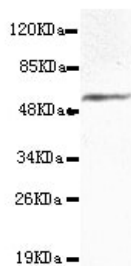
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761)

ab117761, at 1/500 - 1/1000 dilution, staining TBLR1/TBL1XR1 in paraffin-embedded Human breast cancer by Immunohistochemistry. This image was produced with antibody produced in ascites.



Immunocytochemistry/ Immunofluorescence - Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761)

Immunocytochemical staining of HeLa cells using anti-TBLR1/TBL1XR1 antibody (ab117761) at a dilution of 1:200. Cells were fixed with 4% paraformaldehyde. This image was produced with antibody produced in ascites.



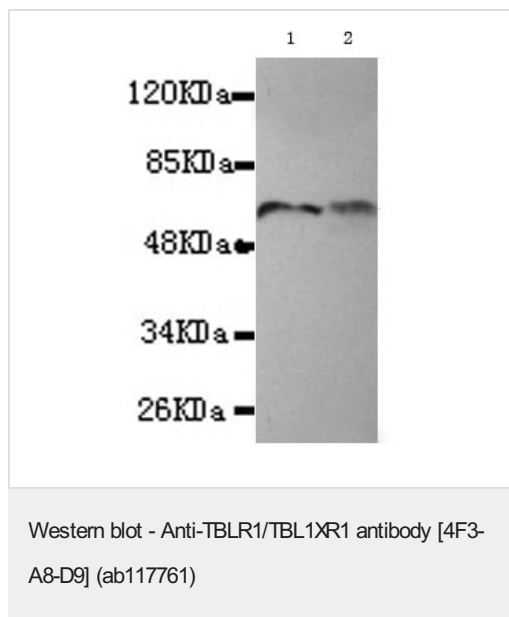
Western blot - Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761)

Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761) at 1/1000 dilution + K562 whole cell lysate at 40 µg

Predicted band size: 56 kDa

Observed band size: 60 kDa

This image was produced with antibody produced in ascites.



All lanes : Anti-TBLR1/TBL1XR1 antibody [4F3-A8-D9] (ab117761) at 1/1000 dilution

Lane 1 : Mouse heart lysate

Lane 2 : Mouse brain lysate

Lysates/proteins at 40 µg per lane.

Predicted band size: 56 kDa

Observed band size: 60 kDa

This image was produced with antibody produced in ascites.

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