

Product datasheet

Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free ab251039

Recombinant RabMAb

7 Images

Overview

Product name	Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free
Description	Rabbit monoclonal [EPR16153] to TBLR1/TBL1XR1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251039 is the carrier-free version of ab190796.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Clonality	Monoclonal
Clone number	EPR16153
Isotype	IgG

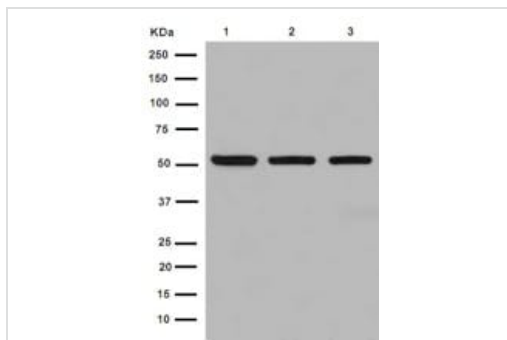
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251039 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		Use at an assay dependent concentration. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.

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.



Western blot - Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free (ab251039)

All lanes : Anti-TBLR1/TBL1XR1 antibody [EPR16153] ([ab190796](#)) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

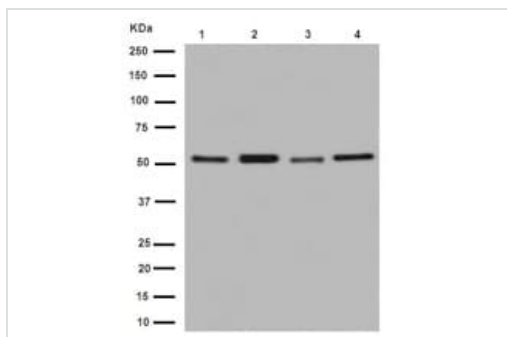
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 56 kDa

Observed band size: 56 kDa

This data was developed using [ab190796](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free (ab251039)

All lanes : Anti-TBLR1/TBL1XR1 antibody [EPR16153] ([ab190796](#)) at 1/1000 dilution

Lane 1 : C6 cell lysate

Lane 2 : Raw 264.7 cell lysate

Lane 3 : PC-12 cell lysate

Lane 4 : NIH/3T3 cell lysate

Lysates/proteins at 10 µg per lane.

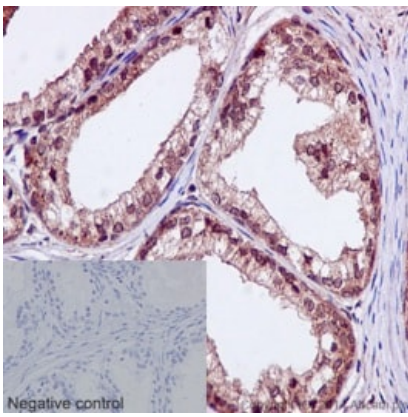
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 56 kDa

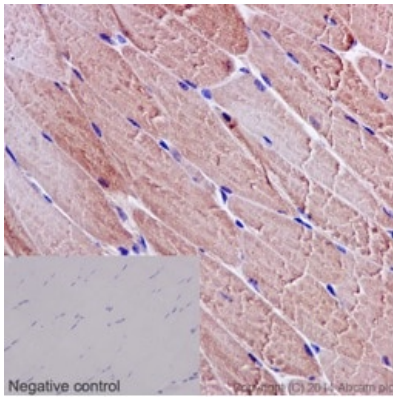
Observed band size: 56 kDa

This data was developed using [ab190796](#), the same antibody clone in a different buffer formulation.



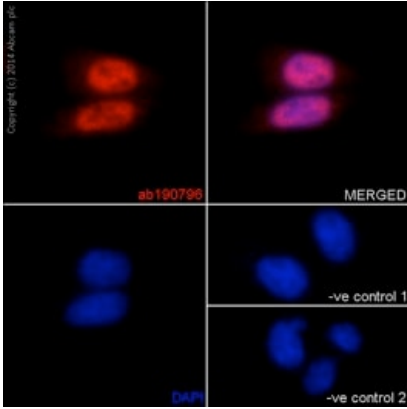
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free (ab251039)

This data was developed using **ab190796**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human prostatic hyperplasia tissue, labeling TBLR1/TBL1XR1 with **ab190796** at 1/100 dilution. Detected using HRP Polymer for Rabbit IgG and counter-stained using hematoxylin. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



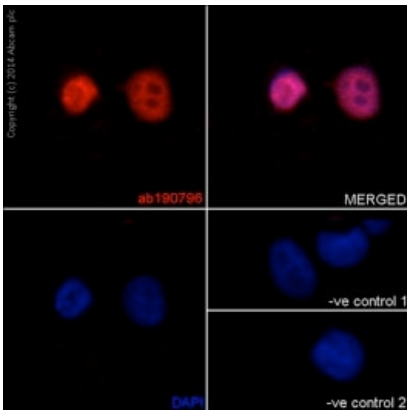
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free (ab251039)

This data was developed using **ab190796**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse muscle tissue, labeling TBLR1/TBL1XR1 with **ab190796** at 1/100 dilution. Detected using HRP Polymer for Rabbit IgG and counter-stained using hematoxylin. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free (ab251039)

This data was developed using **ab190796**, the same antibody clone in a different buffer formulation. Immunofluorescence analysis of HeLa cells fixed in 4% paraformaldehyde, labeling TBLR1/TBL1XR1 with **ab190796** at 1/200 dilution. Goat anti rabbit IgG(Alexa Fluor® 555) was used as the secondary antibody at 1/200. Counterstained with DAPI.



Immunocytochemistry/ Immunofluorescence - Anti-TBLR1/TBL1XR1 antibody [EPR16153] - BSA and Azide free (ab251039)

This data was developed using **ab190796**, the same antibody clone in a different buffer formulation. Immunofluorescence analysis of PC-3 cells fixed in 4% paraformaldehyde, labeling TBLR1/TBL1XR1 with **ab190796** at 1/200 dilution. Goat anti rabbit IgG(Alexa Fluor® 555) was used as a secondary antibody at 1/200. Counterstained with DAPI.

Why choose a recombinant antibody?

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Research with confidence
Consistent and reproducible results
- 

Long-term and scalable supply
Recombinant technology
- 

Success from the first experiment
Confirmed specificity
- 

Ethical standards compliant
Animal-free production

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

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