

Product datasheet

Anti-RPLP0 antibody [EP15646] ab192866

RabMAb

★★★★★ [2 Abreviews](#) [4 References](#) [6 Images](#)

Overview

Product name	Anti-RPLP0 antibody [EP15646]
Description	Rabbit monoclonal [EP15646] to RPLP0
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	293, HeLa, Jurkat, A375, C6, RAW264.7, PC12 and NIH 3T3 cell lysates; mouse kidney, mouse spleen, rat brain and rat spleen lysates; Human stomach tissue, mouse liver tissue, rat cerebral cortex tissue; HeLa cells.
General notes	<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> <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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol, 59% PBS, 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number EP15646

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab192866 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
ICC/IF		1/1000.
WB	★★★★★ (2)	1/1000 - 1/10000. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

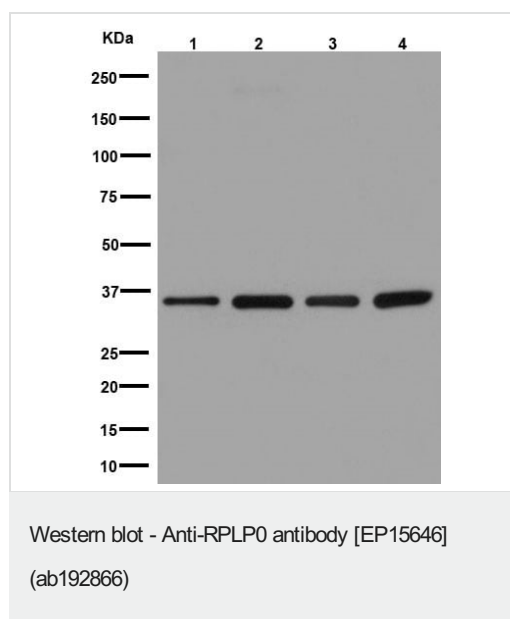
Target

Function Ribosomal protein P0 is the functional equivalent of E.coli protein L10.

Sequence similarities Belongs to the ribosomal protein L10P family.

Cellular localization Nucleus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Images



All lanes : Anti-RPLP0 antibody [EP15646] (ab192866) at 1/20000 dilution

Lane 1 : 293 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : A375 cell lysate

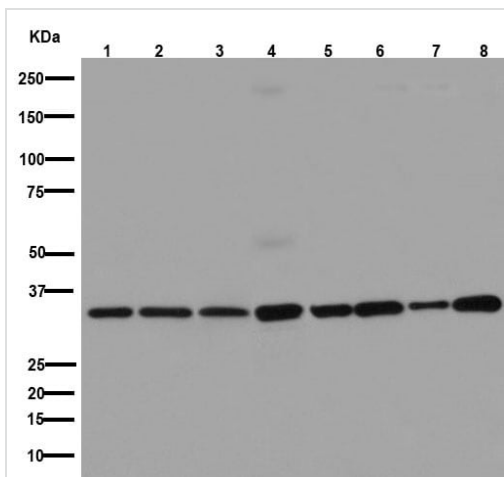
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 34 kDa

Observed band size: 34 kDa



Western blot - Anti-RPLP0 antibody [EP15646] (ab192866)

All lanes : Anti-RPLP0 antibody [EP15646] (ab192866) at 1/1000 dilution

Lane 1 : Mouse kidney lysate

Lane 2 : Mouse spleen lysate

Lane 3 : Rat brain lysate

Lane 4 : Rat spleen lysate

Lane 5 : C6 cell lysate

Lane 6 : RAW264.7 cell lysate

Lane 7 : PC12 cell lysate

Lane 8 : NIH 3T3 cell lysate

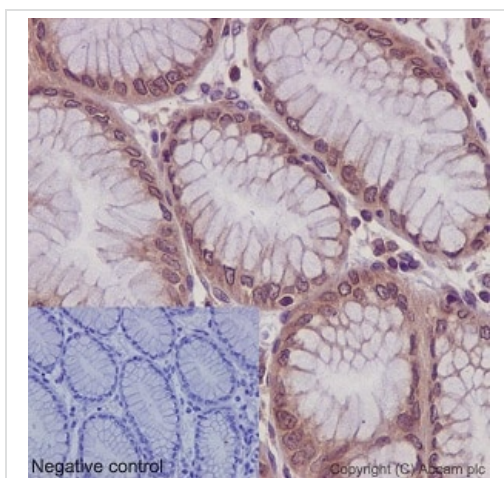
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 34 kDa

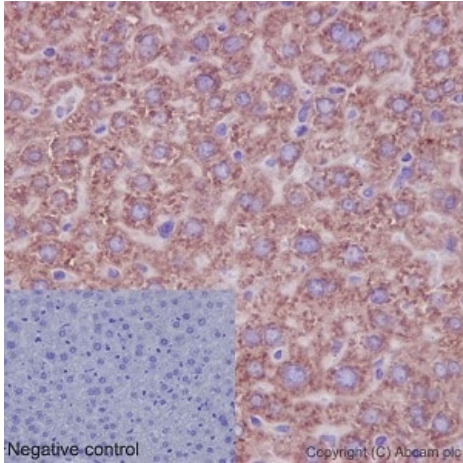
Observed band size: 34 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPLP0 antibody [EP15646] (ab192866)

Immunohistochemical analysis of paraffin embedded Human stomach tissue sections labeling RPLP0 using ab192866 at a 1/100 dilution. A prediluted HRP Polymer for Rabbit IgG was used as the secondary antibody. Hematoxylin counterstain.

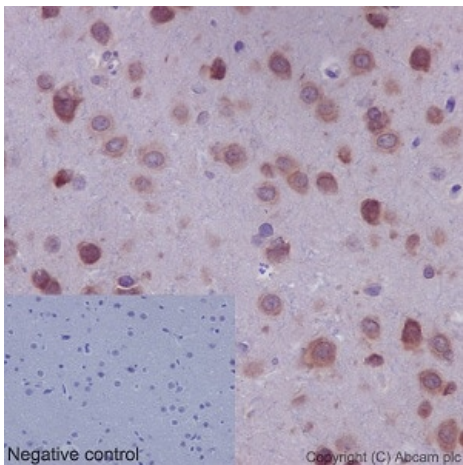
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPLP0 antibody
[EP15646] (ab192866)

Immunohistochemical analysis of paraffin embedded mouse liver tissue sections labeling RPLP0 using ab192866 at a 1/100 dilution. A prediluted HRP Polymer for Rabbit IgG was used as the secondary antibody. Hematoxylin counterstain.

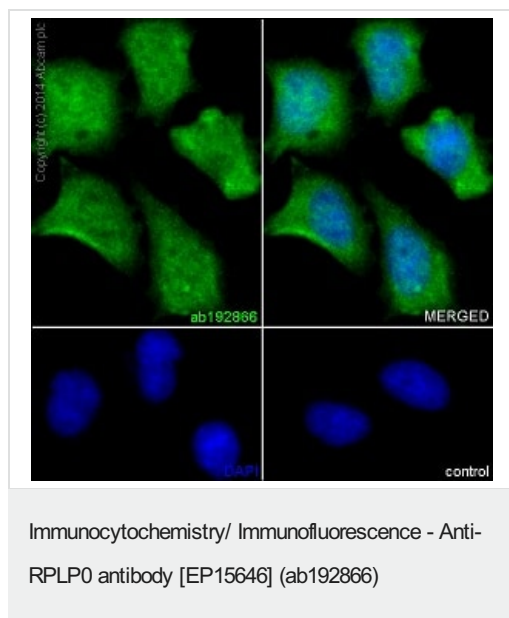
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPLP0 antibody
[EP15646] (ab192866)

Immunohistochemical analysis of paraffin embedded rat cerebral cortex tissue sections labeling RPLP0 using ab192866 at a 1/100 dilution. A prediluted HRP Polymer for Rabbit IgG was used as the secondary antibody. Hematoxylin counterstain.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescent analysis of 4% paraformaldehyde fixed HeLa cells labeling RPLP0 with ab192866 at a 1/1000 dilution. A Goat anti rabbit IgG (Alexa Fluor®488) (**ab150077**) was used as the secondary at a 1/400 dilution. Counterstain DAPI. Cells were permeabilized using 0.1% Triton X-100.

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