

Product datasheet

Anti-RYBP antibody [EPR13059(2)] ab185971

Recombinant **RabMAb**

★★★★☆ 1 Abreviews 9 Images

Overview

Product name	Anti-RYBP antibody [EPR13059(2)]
Description	Rabbit monoclonal [EPR13059(2)] to RYBP
Host species	Rabbit
Tested applications	Suitable for: IP, Flow Cyt, ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human RYBP aa 200 to the C-terminus. The exact sequence is proprietary. Database link: Q8N488
Positive control	K562, SW480, HepG2 and rat PC12 cell lysates; Human placenta and Human clear carcinoma of kidney tissues; HepG2, SW480 and K562 cells.

General notes

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

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	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13059(2)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab185971** in the following tested applications.

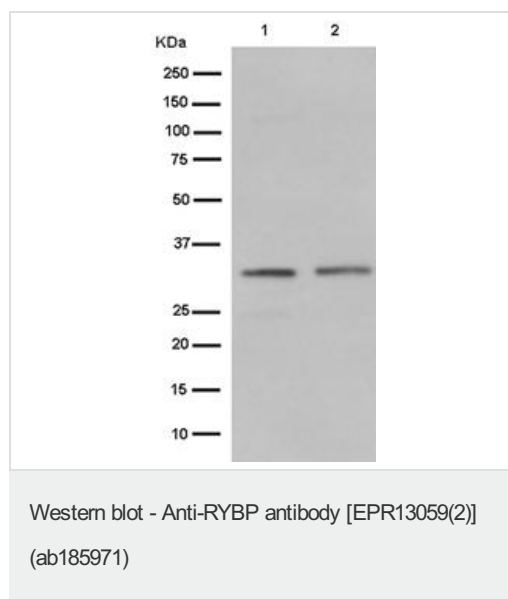
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		1/40 - 1/60.
Flow Cyt		1/40. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF	★★★★☆	1/250.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Detects a band of approximately 32 kDa (predicted molecular weight: 25 kDa).

Target

Function	May be implicated in the regulation of the transcription as a repressor of the transcriptional activity of E4TF1. In tumor cell lines, may induce apoptosis.
Tissue specificity	Widely expressed with highest levels in lymphoid tissues and placenta.
Sequence similarities	Contains 1 RanBP2-type zinc finger.
Cellular localization	Nucleus. Cytoplasm. Primarily found in the nucleus.

Images



All lanes : Anti-RYBP antibody [EPR13059(2)] (ab185971) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : SW480 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

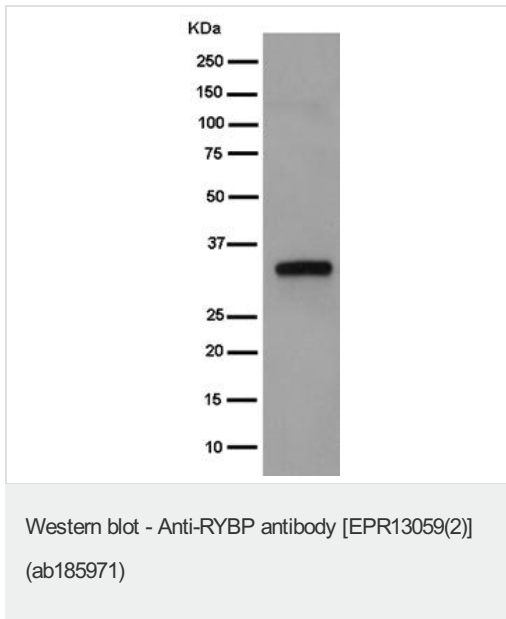
All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 25 kDa

Observed band size: 32 kDa

why is the actual band size different from the predicted?



Anti-RYBP antibody [EPR13059(2)] (ab185971) at 1/10000 dilution
+ HepG2 cell lysate at 20 µg

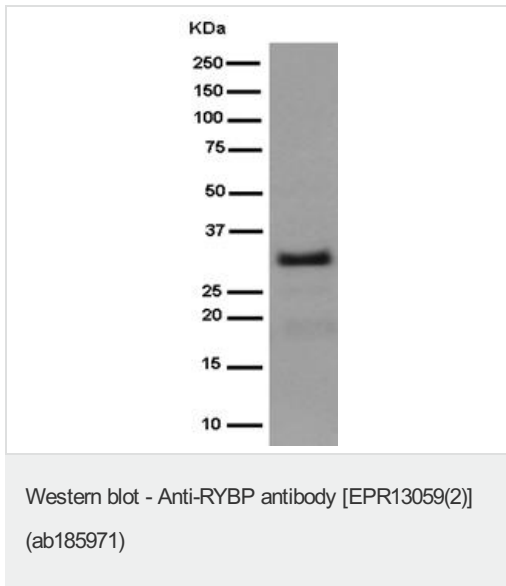
Secondary

goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 25 kDa

Observed band size: 32 kDa [why is the actual band size different from the predicted?](#)



Anti-RYBP antibody [EPR13059(2)] (ab185971) at 1/1000 dilution
+ rat PC12 cell lysate at 10 µg

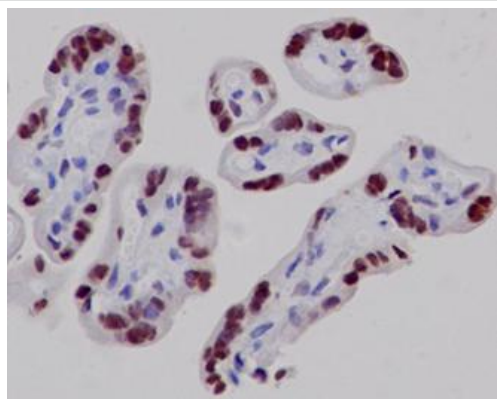
Secondary

goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

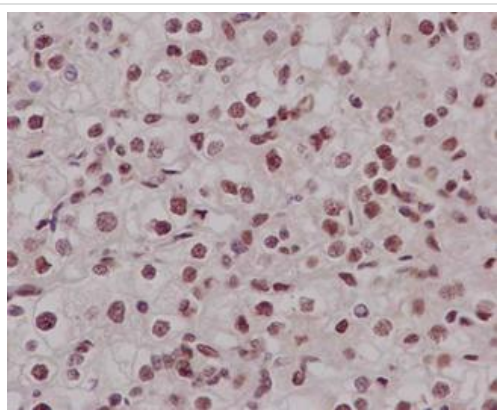
Predicted band size: 25 kDa

Observed band size: 32 kDa [why is the actual band size different from the predicted?](#)



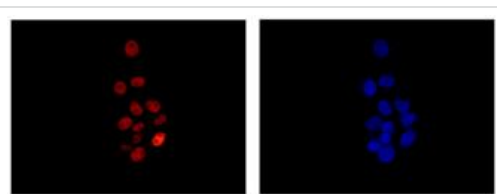
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RYBP antibody [EPR13059(2)] (ab185971)

Immunohistochemical analysis of paraffin-embedded, Human placenta tissue labeling RYBP with ab185971 at a 1/100 dilution. Counter stained with hematoxylin.



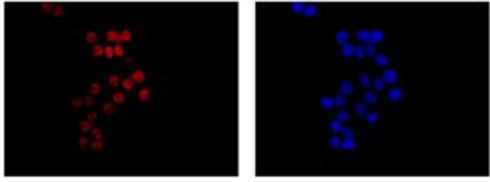
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RYBP antibody [EPR13059(2)] (ab185971)

Immunohistochemical analysis of paraffin-embedded, Human clear cell carcinoma kidney tissue labeling RYBP with ab185971 at a 1/100 dilution. Counter stained with hematoxylin.



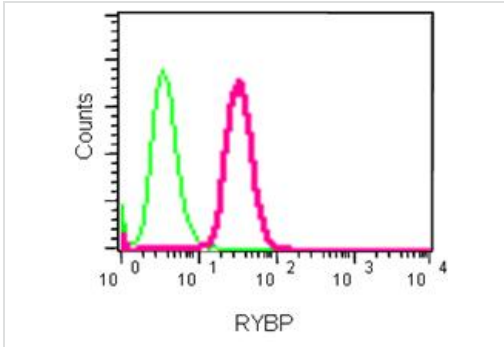
Immunocytochemistry/ Immunofluorescence - Anti-RYBP antibody [EPR13059(2)] (ab185971)

Immunofluorescence analysis of, paraformaldehyde-fixed, HepG2 cells labeling RYBP with ab185971 at a 1/250 dilution. As secondary antibody goat anti-rabbit IgG (Alexa Fluor®555) was used at a 1/200. In blue DAPI staining.



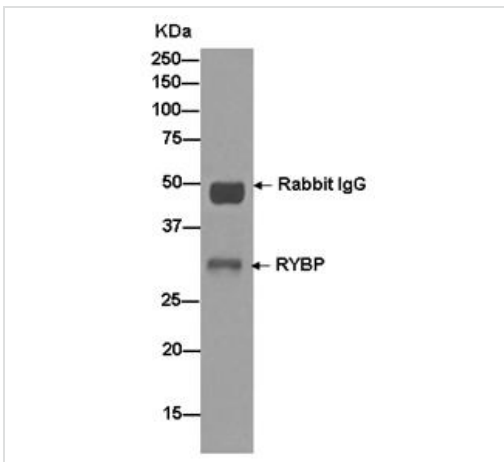
Immunocytochemistry/ Immunofluorescence - Anti-RYBP antibody [EPR13059(2)] (ab185971)

Immunofluorescence analysis of, paraformaldehyde-fixed, SW480 cells labeling RYBP with ab185971 at a 1/250 dilution. As secondary antibody goat anti-rabbit IgG (Alexa Fluor®555) was used at a 1/200. In blue DAPI staining.



Flow Cytometry - Anti-RYBP antibody [EPR13059(2)] (ab185971)

Flow cytometry analysis of paraformaldehyde-fixed K562 cells labeling RYBP with ab185971 at a 1/40 dilution and secondary antibody goat anti-rabbit IgG (FITC, red) at a 1/150 dilution, or negative control rabbit IgG (green).



Immunoprecipitation - Anti-RYBP antibody [EPR13059(2)] (ab185971)

Western blot analysis on immunoprecipitation pellet from HepG2 cell lysate labeling RYBP with ab185971 at 1/50 dilution and goat anti-rabbit IgG, (H+L), peroxidase conjugated at a 1/1000 dilution.

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