

## Product datasheet

### Anti-XAB2 antibody [EPR8971] ab180181

Recombinant RabMAb

5 Images

#### Overview

<b>Product name</b>	Anti-XAB2 antibody [EPR8971]
<b>Description</b>	Rabbit monoclonal [EPR8971] to XAB2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P <b>Unsuitable for:</b> Flow Cyt or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human XAB2 aa 750-850 (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">Q9HCS7</a>
<b>Positive control</b>	HeLa, K562 and HepG2 whole cell lysate ( <a href="#">ab7900</a> ); Human breast and Human uterus tissues; HepG2 cells.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

	supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR8971
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180181 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

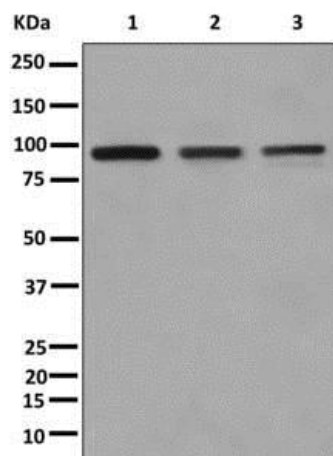
Application	Abreviews	Notes
<b>ICC/IF</b>		1/50 - 1/100.
<b>WB</b>		1/1000 - 1/10000. Predicted molecular weight: 100 kDa.
<b>IHC-P</b>		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended.

**Application notes** Is unsuitable for Flow Cyt or IP.

## Target

<b>Function</b>	Involved in transcription-coupled repair (TCR), transcription and pre-mRNA splicing.
<b>Sequence similarities</b>	Belongs to the crooked-neck family. Contains 14 HAT repeats.
<b>Cellular localization</b>	Nucleus. Detected in the splicing complex carrying pre-mRNA.

## Images



Western blot - Anti-XAB2 antibody [EPR8971]  
(ab180181)

**All lanes :** Anti-XAB2 antibody [EPR8971] (ab180181) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** K562 cell lysate

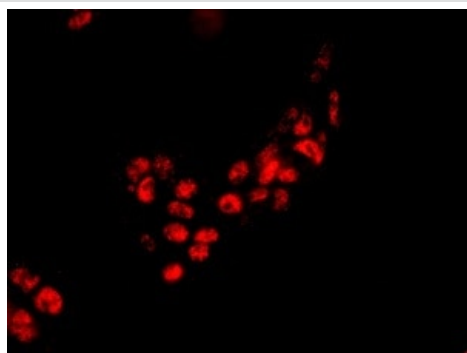
**Lane 3 :** HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

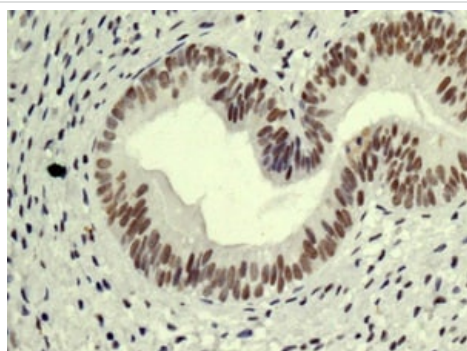
**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 100 kDa



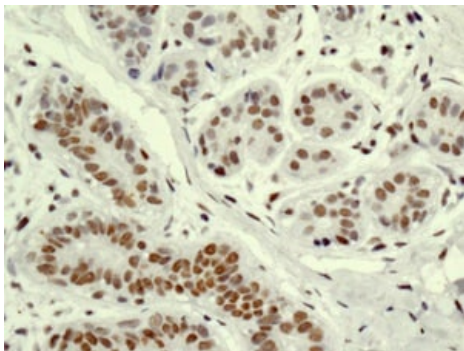
Immunocytochemistry/ Immunofluorescence - Anti-XAB2 antibody [EPR8971] (ab180181)

Immunofluorescent analysis of HepG2 cells labeling XAB2 with ab180181 at 1/50.



Western blot - Anti-XAB2 antibody [EPR8971]  
(ab180181)

Immunohistochemical analysis of paraffin embedded Human uterus tissue labeling XAB2 with ab180181 at 1/50.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XAB2 antibody [EPR8971] (ab180181)

Immunohistochemical analysis of paraffin embedded Human breast tissue labeling XAB2 with ab180181 at 1/50.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

#### Why choose a recombinant antibody?



**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

Anti-XAB2 antibody [EPR8971] (ab180181)

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

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