


Product datasheet

Anti-Dlx4/BP1 antibody [EPR9263] ab175218

Recombinant RabMAb

6 Images

Overview

Product name	Anti-Dlx4/BP1 antibody [EPR9263]
Description	Rabbit monoclonal [EPR9263] to Dlx4/BP1
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IP, IHC-P, WB Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	SW480, K562 and Human placenta lysates; Human placenta and prostatic hyperplasia tissue; SW480 cells.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR9263

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175218 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		1/100 - 1/250.
IP		1/10 - 1/100.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000 - 1/5000. Predicted molecular weight: 26 kDa.

Application notes Is unsuitable for Flow Cyt.

Target

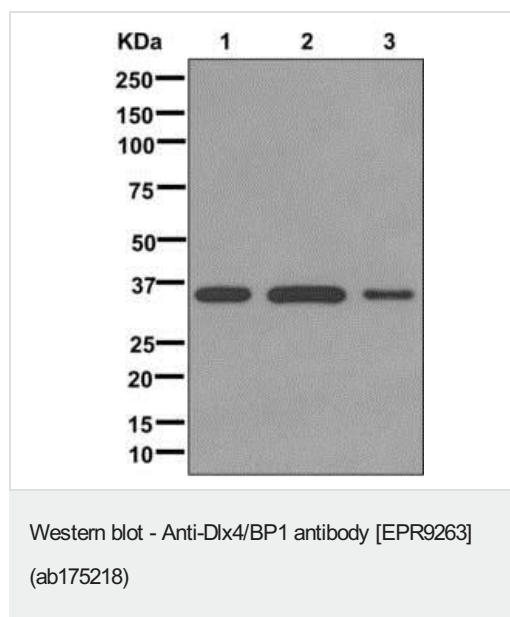
Function May play a role in determining the production of hemoglobin S. May act as a repressor.

Tissue specificity Expressed in leukemia cells and placenta. Also expressed in kidney and fetal liver.

Sequence similarities Belongs to the distal-less homeobox family.
Contains 1 homeobox DNA-binding domain.

Cellular localization Nucleus.

Images



All lanes : Anti-Dlx4/BP1 antibody [EPR9263] (ab175218) at 1/1000 dilution

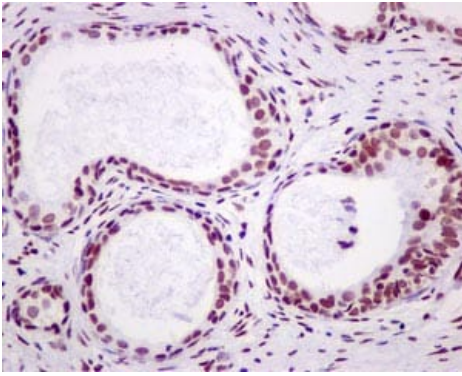
Lane 1 : SW480 cell lysate

Lane 2 : K562 cell lysate

Lane 3 : Human placenta tissue lysate

Lysates/proteins at 10 µg per lane.

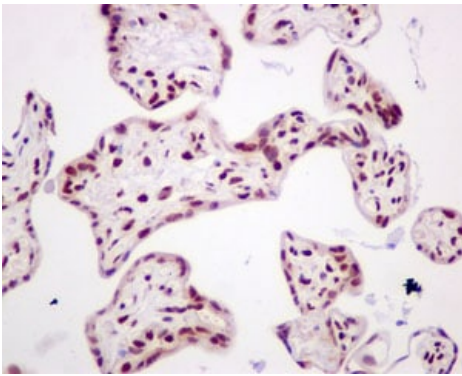
Predicted band size: 26 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dlx4/BP1 antibody [EPR9263] (ab175218)

Immunohistochemical analysis of paraffin-embedded Human prostatic hyperplasia tissue labeling Dlx4/BP1 with ab175218 at 1/100 dilution.

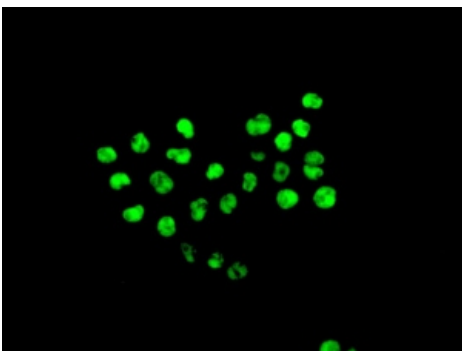
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dlx4/BP1 antibody [EPR9263] (ab175218)

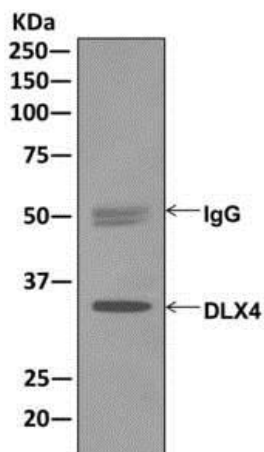
Immunohistochemical analysis of paraffin-embedded Human placenta tissue labeling Dlx4/BP1 with ab175218 at 1/100 dilution.

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



Immunocytochemistry/ Immunofluorescence - Anti-Dlx4/BP1 antibody [EPR9263] (ab175218)

Immunofluorescence analysis of SW480 cells labeling Dlx4/BP1 with ab175218 at 1/100 dilution.



Western blot analysis on immunoprecipitation pellet from K562 cell lysate using ab175218 at 1/10 dilution.

Immunoprecipitation - Anti-Dlx4/BP1 antibody
[EPR9263] (ab175218)

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-Dlx4/BP1 antibody [EPR9263] (ab175218)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors