

Anti-CDX2 antibody [EPR2764Y] ab76541

重组 RabMAb

★★★★★ 17 Abreviews 110 References 15 图像

概述

产品名称	Anti-CDX2抗体[EPR2764Y]
描述	兔单克隆抗体[EPR2764Y] to CDX2
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt (Intra) or ICC/IF
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Rabbit
免疫原	Synthetic peptide within Human CDX2 aa 1-100 (N terminal). The exact sequence is proprietary. Database link: Q99626
阳性对照	WB: Caco-2, HT-29, human, mouse and rat colon cancer and human small intestine lysates. IHC-P: Human colon, gastric adenocarcinoma, colonic adenocarcinoma, intestinal tissues; Rat and mouse colon tissues.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C. Store In the Dark.
解离常数 (K _D)	K _D = 1.00 x 10 ⁻¹¹ M



[Learn more about K_D](#)

存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR2764Y
同种型	IgG

应用

The Abpromise guarantee [Abpromise™](#) 承诺保证使用ab76541于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

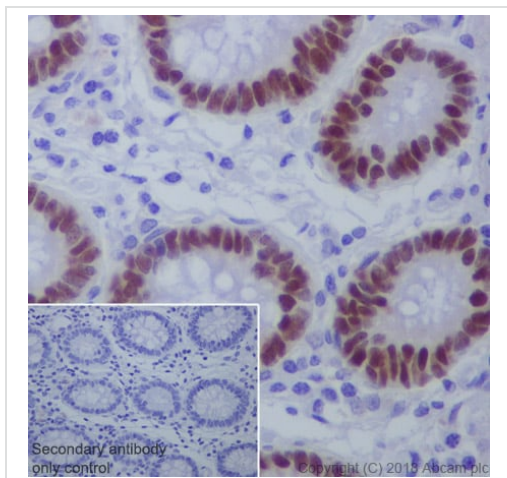
应用	Ab评论	说明
WB	★★★★★ (1)	1/10000. Detects a band of approximately 40 kDa (predicted molecular weight: 34 kDa). For unpurified use at 1/1000 - 1/5000
IHC-P	★★★★★ (4)	1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For unpurified use at 1/250 - 1/500 See IHC antigen retrieval protocols .

应用说明 Is unsuitable for Flow Cyt (Intra) or ICC/IF.

靶标

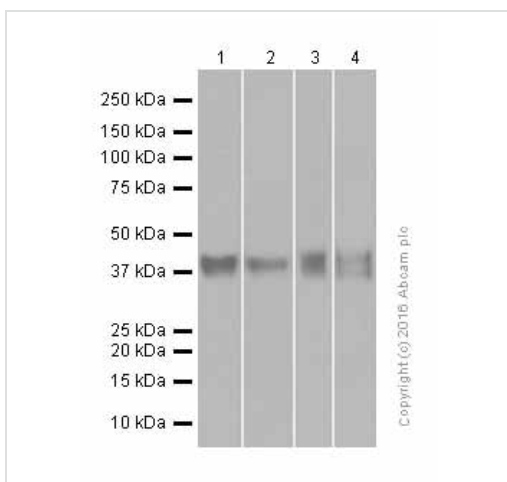
功能	Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine.
序列相似性	Belongs to the Caudal homeobox family. Contains 1 homeobox DNA-binding domain.
翻译后修饰	Phosphorylation of Ser-60 mediates the transactivation capacity.
细胞定位	Nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody
[EPR2764Y] (ab76541)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon tissue sections labeling CDX2 with Purified ab76541 at 1:1000 dilution (0.8 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). Goat Anti-Rabbit IgG H&L (HRP) [ab97051](#) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-CDX2 antibody [EPR2764Y]
(ab76541)

All lanes : Anti-CDX2 antibody [EPR2764Y] (ab76541) at 1/10000 dilution (Purified)

Lane 1 : Caco-2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 2 : Human colon cancer lysates

Lane 3 : Rat colon lysates

Lane 4 : Mouse colon lysates

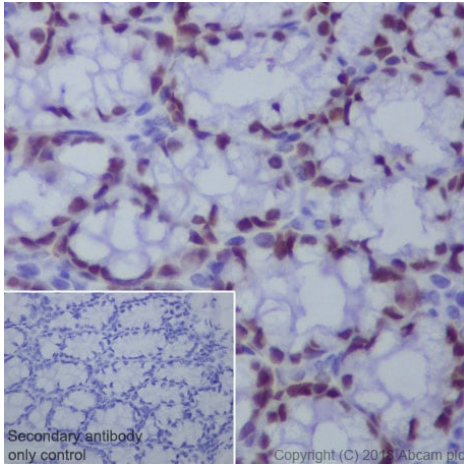
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/10000 dilution

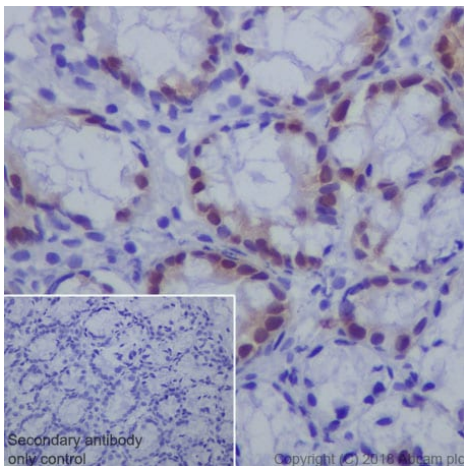
Predicted band size: 34 kDa

Observed band size: 40 kDa



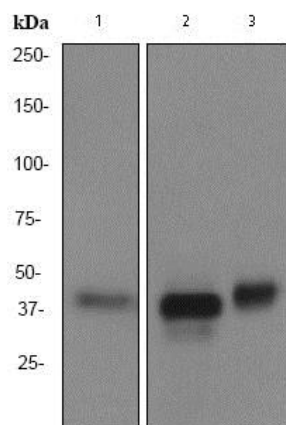
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Mouse colon tissue sections labeling CDX2 with Purified ab76541 at 1:1000 dilution (0.8 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). Goat Anti-Rabbit IgG H&L (HRP) [ab97051](#) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Rat colon tissue sections labeling CDX2 with Purified ab76541 at 1:1000 dilution (0.8 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). Goat Anti-Rabbit IgG H&L (HRP) [ab97051](#) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Lane 1 : Anti-CDX2 antibody [EPR2764Y] (ab76541) at 1/1000 dilution (Unpurified)

Lanes 2-3 : Anti-CDX2 antibody [EPR2764Y] (ab76541) at 1/5000 dilution (Unpurified)

Lane 1 : HT-29 (Human colorectal adenocarcinoma cell line) lysate

Lane 2 : Colon cancer lysate

Lane 3 : Human small intestine lysate

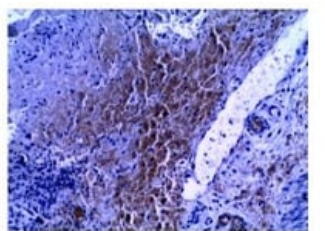
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 34 kDa

Observed band size: 40 kDa



2010 Abcam

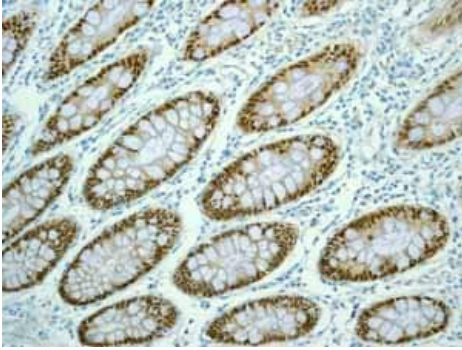
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

This image is courtesy of an anonymous Abreview

Unpurified ab76541 staining CDX2 in human intestinal tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections).

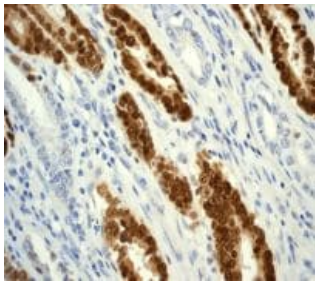
Tissue was fixed with paraformaldehyde and blocked with 5% BSA for 1 hours at 25°C; antigen retrieval was by heat mediation.

Samples were incubated with primary antibody (1/100 in PBS containing 5% BSA) for 18 hours at 4°C. An HRP-conjugated goat anti-rabbit IgG polyclonal (1/500) was used as the secondary antibody.



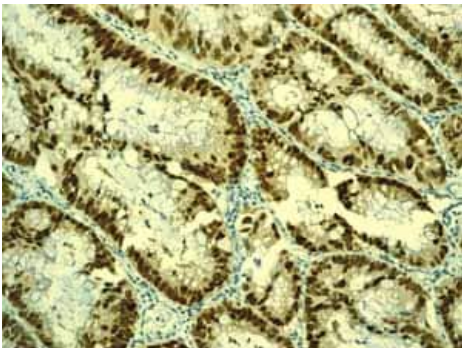
Unpurified ab76541 showing positive staining in normal colon tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)



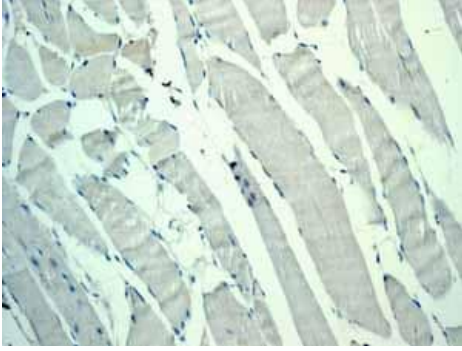
Unpurified ab76541, at 1/250 dilution, staining CDX2 in paraffin-embedded human gastric adenocarcinoma tissue, by immunohistochemistry. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)



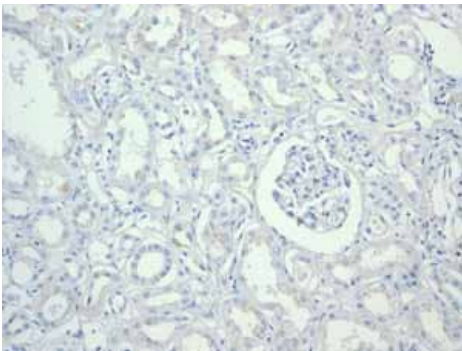
Unpurified ab76541 showing positive staining in colonic adenocarcinoma tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)



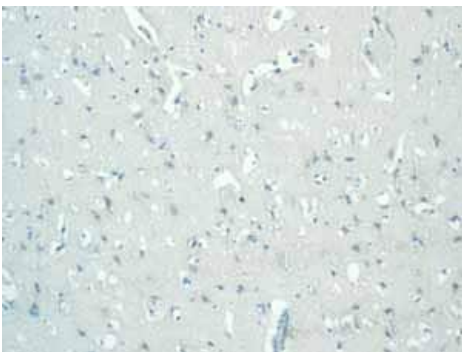
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Unpurified ab76541 showing **negative staining** in skeletal muscle tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



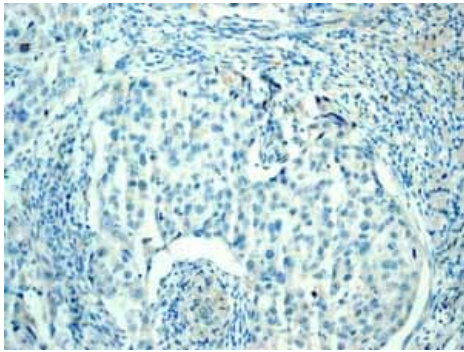
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Unpurified ab76541 showing **negative staining** in normal kidney tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



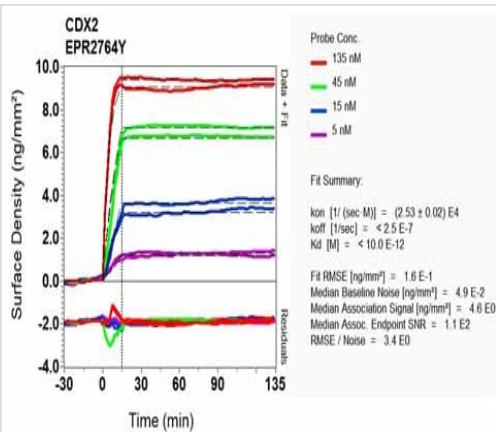
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Unpurified ab76541 showing **negative staining** in normal brain tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Unpurified ab76541 showing **negative staining** in normal brain tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



OI-RD Scanning - Anti-CDX2 antibody [EPR2764Y] (ab76541)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



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Confirmed specificity



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Anti-CDX2 antibody [EPR2764Y] (ab76541)

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