

# [KD Validated] CDX2 Rabbit mAb

Catalog No.: A19030 **Recombinant** **2 Publications**

## Basic Information

### Observed MW

38kDa

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

WB,IP,IF-P,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0450

## Background

This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth and differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-600µg extracts of  
whole cells

**IF-P** 1:100 - 1:1000

**IHC-P** 1:3000 - 1:12000

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

1045

### Swiss Prot

Q99626

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

CDX3; CDX-3; CDX2/AS; X2

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

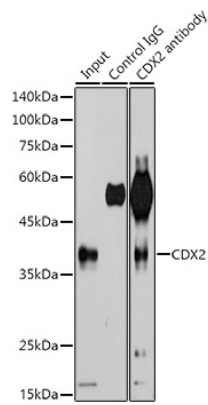
## Contact

☎ | 400-999-6126

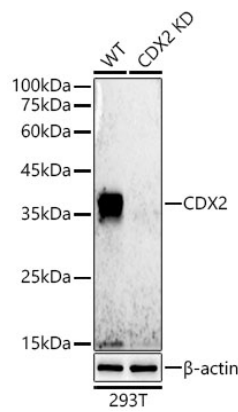
✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

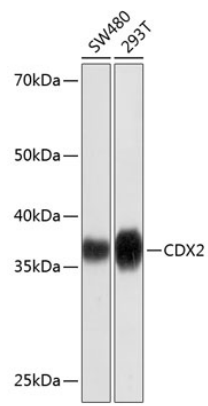
Validation Data



Immunoprecipitation analysis of 600 µg extracts of 293T cells using 3 µg [KD Validated] CDX2 Rabbit mAb (A19030). Western blot was performed from the immunoprecipitate using CDX2 antibody (A19030) at a dilution of 1:500.

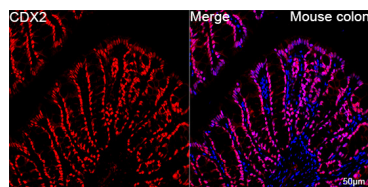


Western blot analysis of lysates from wild type(WT) and CDX2 knockdown (KD) 293T cells, using [KD Validated] CDX2 Rabbit mAb (A19030) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.

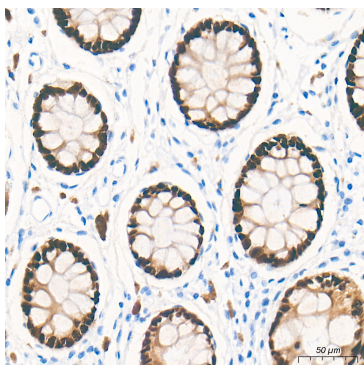


Western blot analysis of various lysates using [KD Validated] CDX2 Rabbit mAb (A19030) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3min.

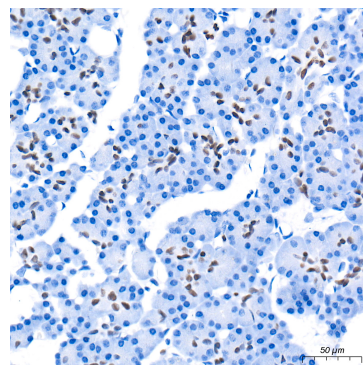
## Validation Data



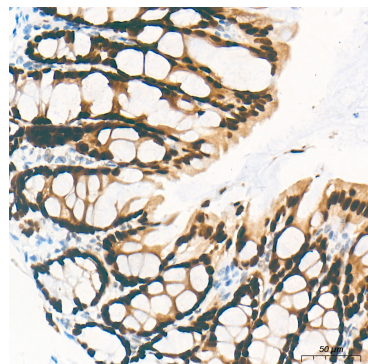
Confocal imaging of paraffin-embedded Mouse colon tissue using [KD Validated] CDX2 Rabbit mAb (A19030, dilution 1:500) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



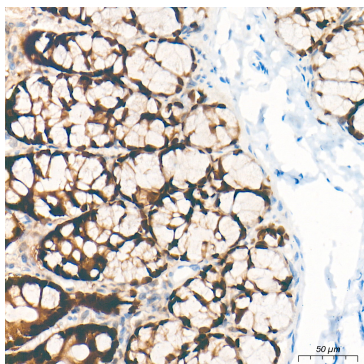
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using [KD Validated] CDX2 Rabbit mAb (A19030) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



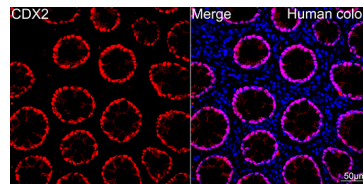
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using [KD Validated] CDX2 Rabbit mAb (A19030) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using [KD Validated] CDX2 Rabbit mAb (A19030) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KD Validated] CDX2 Rabbit mAb (A19030) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of Human colon using [KD Validated] CDX2 Rabbit mAb (A19030, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x.