A1629

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[KD Validated] CDX2 Rabbit pAb

Catalog No.: A1629 5 Publications

Basic Information

Observed MW
36 kDa/38 kDa

Calculated MW
34 kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,IF/ICC,IP,ELISA

Cross-Reactivity
Human,Mouse,Rat

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 an 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 - 1:5000
IP	0.5μg-4μg antibody for 200μg-600μg extracts of whole cells
IF/ICC	1:50 - 1:200
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
This information is considered to be commercially sensitive.

Synonyms
CDX3; CDX-3; CDX2/AS; CDX2

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Contact

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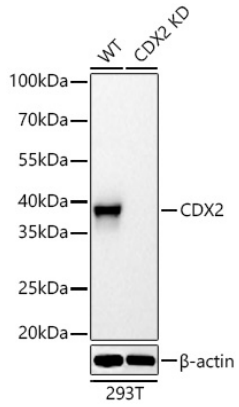
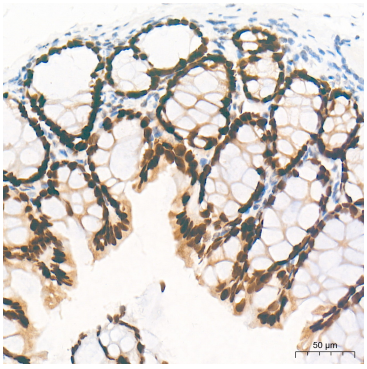
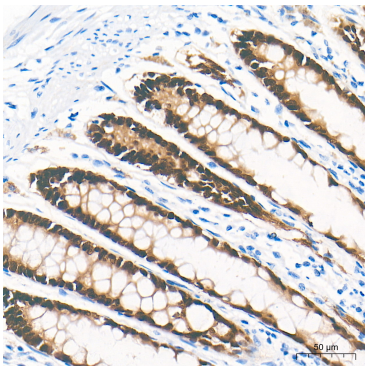
Validation Data



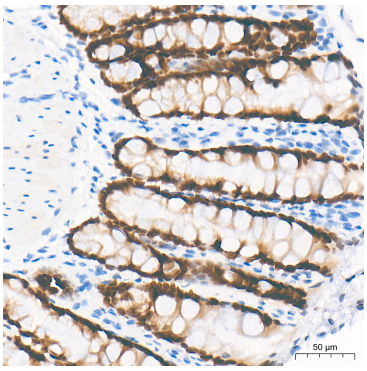
Western blot analysis of lysates from wild type (WT) and CDX2 knockdown (KD) 293T cells using [KD Validated] CDX2 Rabbit pAb (A1629) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



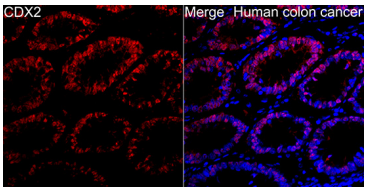
Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using [KD Validated] CDX2 Rabbit pAb (A1629) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



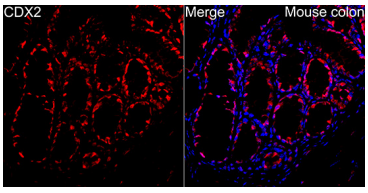
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using [KD Validated] CDX2 Rabbit pAb (A1629) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



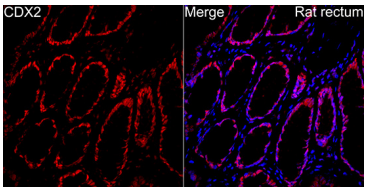
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KD Validated] CDX2 Rabbit pAb (A1629) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of Human colon cancer cells using [KD Validated] CDX2 Rabbit pAb (A1629) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse colon cells using [KD Validated] CDX2 Rabbit pAb (A1629) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat rectum cells using [KD Validated] CDX2 Rabbit pAb (A1629) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.