[KD Validated] CDX2 Rabbit mAb

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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 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 - 1:2000

0.5μg-4μg antibody for IΡ 200µg-600µg extracts of

whole cells

1:100 - 1:1000 IF-P

IHC-P 1:1000 - 1:4000

Recommended starting **ELISA**

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

Contact

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Immunogen Information

Gene ID Swiss Prot 1045 Q99626

Immunogen

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

Synonyms

CDX3; CDX-3; CDX2/AS; X2

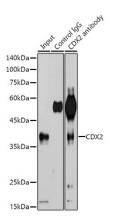
Product Information

Purification Source Isotype Rabbit IgG Affinity purification

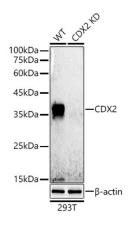
Storage

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.



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.

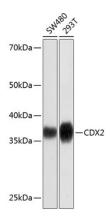
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.

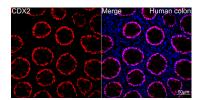
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.

Validation Data



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