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CDX1 Antibody (C-term)
Mouse Monoclonal Antibody (Mab)
Catalog # AM2194b

Specification

CDX1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P47902
Reactivity	**Human, Mouse**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**28138**

CDX1 Antibody (C-term) - Additional Information

Gene ID 1044

Other Names
Homeobox protein CDX-1, Caudal-type homeobox protein 1, CDX1

Target/Specificity
Purified His-tagged CDX1 protein was used to produced this monoclonal antibody.

Dilution
WB~~1:1000

Format
Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CDX1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CDX1 Antibody (C-term) - Protein Information

Name CDX1

Function Plays a role in transcriptional regulation (PubMed:24623306). Involved in activated KRAS-mediated transcriptional activation of PRKD1 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the PRKD1 promoter in colorectal cancer (CRC) cells (PubMed:24623306). Could play a role in the terminal differentiation of the intestine. Binds preferentially to methylated DNA (PubMed:28473536).

Cellular Location
Nucleus.

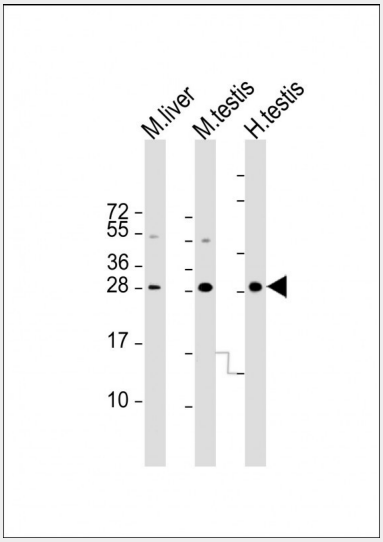
Tissue Location
Intestinal epithelium.

CDX1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDX1 Antibody (C-term) - Images



All lanes : Anti-CDX1 (C-term) at 1:1000-1:2000 dilution Lane 1: mouse liver lysate Lane 2: mouse testis lysate Lane 3: human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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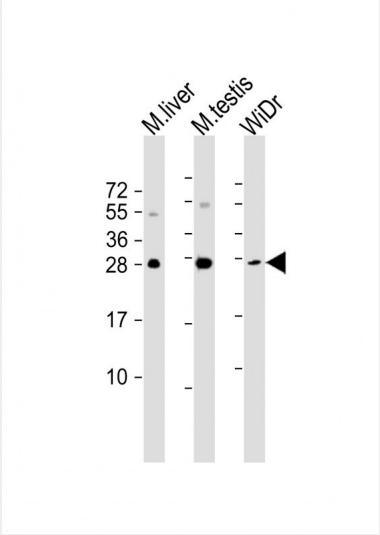
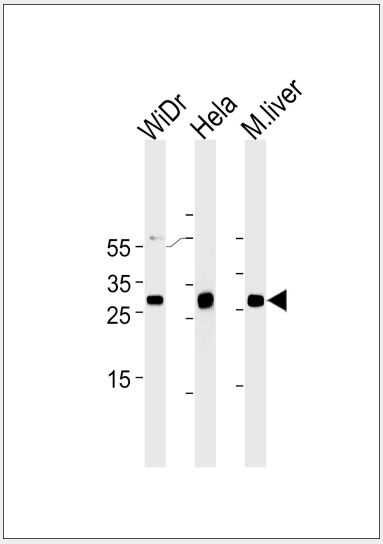


All lanes : Anti-CDX1 Antibody (C-term) at 1:1000-1:2000 dilution Lane 1: mouse liver lysate Lane 2: mouse testis lysate Lane 3: WiDr whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CDX1 Antibody (C-term) (Cat. #AM2194b) western blot analysis in WiDr,Hela cell line and mouse liver tissue lysates (35µg/lane).This demonstrates the CDX1 antibody detected the CDX1 protein (arrow).

CDX1 Antibody (C-term) - Background

Could play a role in the terminal differentiation of the intestine.

CDX1 Antibody (C-term) - References

Bonner C.A., et al. Genomics 28:206-211(1995).
Mallo G.V., et al. Int. J. Cancer 74:35-44(1997).
Malakooti J., et al. Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.