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CDX1 Antibody (C-term)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2194b

Product Information

Application	WB, E
Primary Accession	P47902
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	937CT11.6.2
Calculated MW	28138

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 E~~Use at an assay dependent concentration.
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.

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.

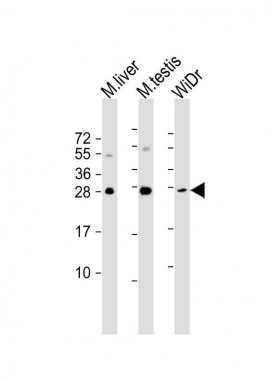
Background

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

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.

Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.