

**Product Name: Cdx2 Rabbit Polyclonal Antibody**  
**Catalog #: APRab08594**



## Summary

<b>Production Name</b>	Cdx2 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	CDX2
<b>Alternative Names</b>	CDX2; CDX3; Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein 2
<b>Gene ID</b>	1045.0
<b>SwissProt ID</b>	Q99626.The antiserum was produced against synthesized peptide derived from human CDX2. AA range:249-298

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000, ELISA 1:5000.Not yet tested in other applications.
<b>Molecular Weight</b>	45kDa

## Background

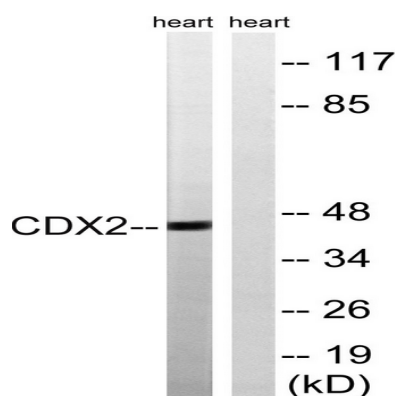
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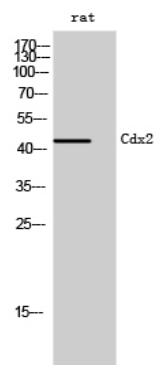
This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth and differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012], function: Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine., PTM: Phosphorylation of Ser-60 mediates the transactivation capacity., similarity: Belongs to the Caudal homeobox family., similarity: Contains 1 homeobox DNA-binding domain.,

## Research Area

## Image Data



Western blot analysis of lysates from rat heart, using CDX2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of rat cells using Cdx2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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**Note**

For research use only.