

CDX2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51075

Specification

CDX2 Antibody - Product Information

Application	WB, E
Primary Accession	O99626
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40 KDa

CDX2 Antibody - Additional Information

Gene ID 1045

Other Names

Homeobox protein CDX-2, CDX-3, Caudal-type homeobox protein 2, CDX2, CDX3

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CDX2 Antibody - Protein Information

Name CDX2

Synonyms CDX3

Function

Transcription factor which regulates the transcription of multiple genes expressed in the intestinal epithelium (By similarity). Binds to the promoter of the intestinal sucrase-isomaltase SI and activates SI transcription (By similarity). Binds to the DNA sequence 5'-ATAAAACTTAT-3' in the promoter region of VDR and activates VDR transcription (By similarity). Binds to and activates transcription of LPH (By similarity). Activates transcription of CLDN2 and intestinal mucin MUC2 (By similarity). Binds to the 5'-AATTTTTTACAACACCT-3' DNA sequence in the promoter region of CA1 and activates CA1 transcription (By similarity). Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine. Binds preferentially to methylated DNA (PubMed:28473536).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P43241}.

Tissue Location

Detected in small intestine, colon and pancreas.

CDX2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDX2 Antibody - Images

CDX2 Antibody - Background

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.

CDX2 Antibody - References

Drummond F.J.,et al. Ann. Hum. Genet. 61:393-400(1997).
Mallo G.V.,et al. Int. J. Cancer 74:35-44(1997).
Sivagnanasundaram S.,et al. Br. J. Cancer 84:218-225(2001).
Tanizawa Y.,et al. Submitted (JUN-1997) to the EMBL/GenBank/DDBJ databases.
Dunham A.,et al. Nature 428:522-528(2004).