

## CDX-2

Rabbit Monoclonal antibody(Mab)
Catalog # AD80207

#### **Product Information**

Application IHC-P
Primary Accession Q99626
Reactivity Human
Host Rabbit
Clonality Monoclonal
Clone Names 353G7A8
Calculated MW 33520

### **Additional Information**

**Gene ID** 1045 **Gene Name** CDX2

Other Names Homeobox protein CDX-2, CDX-3, Caudal-type homeobox protein 2, CDX2,

CDX3

**Dilution** IHC-P~~Ready-to-use

**Storage** Maintain refrigerated at 2-8°C.

**Precautions** CDX-2 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

### **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'-ATAAAAACTTAT-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

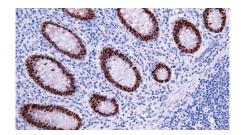
and intestinal mucin MUC2 (By similarity). Binds to the

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.

# **Images**



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