

# Cdx2 Polyclonal Antibody

Catalog # AP69030

#### **Product Information**

Application WB
Primary Accession 099626

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW33520

### **Additional Information**

**Gene ID** 1045

Other Names CDX2; CDX3; Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein

2

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **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

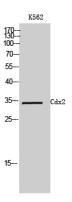
DNA (PubMed:28473536).

Cellular Location Nucleus {ECO:0000250 | UniProtKB:P43241}.

# **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. Binds preferentially to methylated DNA (PubMed: 28473536).

## **Images**



Western Blot analysis of K562 cells using Cdx2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

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