
Product Name: CDX2 (12N2) Rabbit Monoclonal Antibody**Catalog #: AMRe08593**

For research use only.

Summary

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|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,IF-P |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.33mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Purification | Affinity purification |

Application

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|-------------------------|--|
| Dilution Ratio | WB 1:2000-1:10000,IHC 1:200-1:1000,IF-P 1:200-1:1000 |
| Molecular Weight | 34kDa |

Antigen Information

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| Gene Name | CDX2 |
| Alternative Names | caudal type homeo box transcription factor 2; Homeobox protein CDX-2; Caudal-type homeobox protein 2; CDX3 |
| Gene ID | 1045.0 |
| SwissProt ID | Q99626 |
| Immunogen | A synthetic peptide of human CDX2 |

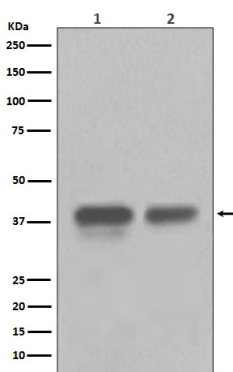
Background

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. 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).

Research Area

Stem Cells

Image Data



Western blot analysis of CDX2 in (1) HEK293 cell lysate; (2) Colon cancer lysate.