



Rabbit Anti-CDX2 monoclonal antibody, clone TZ10-13 (CABT-L612)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CDX2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat, Rabbit
Clone	TZ10-13
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	34 kDa
Cellular Localization	Nucleus.
Positive Control	AGS, LOVO, rat large intestine tissue, human colon cancer tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The members of the murine Cdx family (Cdx1, Cdx2, and Cdx4) are members of the caudal-type homeobox family of genes, which are homologues of the Drosophila 'caudal' gene required for anterior-posterior regional identity. The intestine-specific transcription factors Cdx1 and Cdx2 are candidate genes for directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. The relative expression of Cdx1 to Cdx2 protein may be important in the anterior to posterior patterning of the intestinal epithelium and in defining patterns of proliferation and differentiation along the crypt-villus axis. Cdx1 and Cdx2 are expressed in the small intestine and colon of fetus and adult. A decrease in human Cdx1 and/or Cdx2 expression is associated with colorectal tumorigenesis. Both Cdx1 and Cdx2 genes must be expressed to reduce tumorigenic potential, to increase sensitivity to apoptosis, and to reduce cell migration, suggesting that the two genes control the normal phenotype by independent pathways.

Keywords

Caudal type homeo box 2;Caudal type homeo box transcription factor 2;Caudal type homeobox 2;Caudal type homeobox protein 2;Caudal type homeobox transcription factor 2;Caudal-type homeobox protein 2;CDX 2;CDX 3;CDX-3;Cdx2;CDX2_HUMAN;CDX3;Homeobox protein CDX 2;Homeobox protein CDX-2 antibody

GENE INFORMATION

Entrez Gene ID

[7077](#)
