

CDX2 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150141

Company: HaoKebio

Uniprot ID: Q99626

Applications: IHC: 1:100-1:200

Organism:Rabbit

IHC-Polymer: 1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Predicted Molecular Weight: 34 kDa

Background:

CDX2 is a homeobox gene encoding an intranuclear homeodomain transcription factor, participating in intestinal organogenesis and the differentiation of epithelial cells in the intestine, pancreas, and biliary tract. In the intestine (from duodenum to rectum), the CDX2 nuclear protein is strongly and uniformly expressed in all types of epithelial cells. In the pancreas and biliary tract, CDX2 is expressed in dispersed duct cells. In tumor tissues, CDX2 serves as a relatively sensitive and specific marker for 'intestinal' adenocarcinomas. It interacts with the tumor suppressor genes APC and E-cadherin, as well as bcl-2, and is positive in the vast majority of colorectal cancer and appendiceal adenocarcinoma cases.

Protein full name:

Caudal type homeobox 2

Synonyms:

CDX-2, Caudal-type homeobox protein 2

Immunogen:

A synthetic peptide corresponding to amino acid residues 1–100 of CDX2 was used as the immunogen.

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

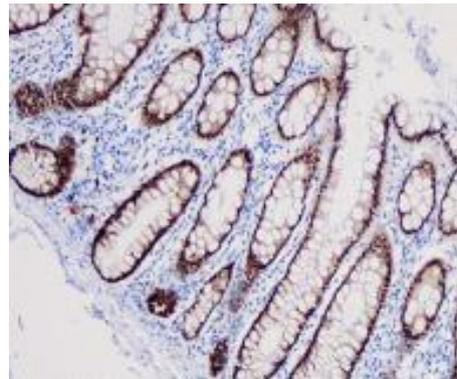
Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C - 25 °C) for 30 minutes.

Images:



Immunohistochemical results of HKZ150141-labeled CDX2 in human colon tissue (formalin-fixed, paraffin-embedded sections). Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Xin S, et.al, *Oncology*. 2007;73(5-6):357-65.
2. Werling RW, et.al, *Am J Surg Pathol*. 2003 Mar;27(3):303-10.

Source of Reagents:

发表[中文论文]请标注: CDX2 (HKZ150141)由杭州浩克生物技术有限公司提供;
发表[英文论文]请标注:CDX2 (HKZ150141) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

