



Rabbit Anti-Human CDX2 Monoclonal Antibody, clone CQ7134 (CABT-Z197R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CDX2 residues within aa1-100 of CDX2 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7134
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	34 kDa
Cellular Localization	Nucleus
Positive Control	Colon
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CDX2 is a homeobox gene encoding nuclear homeodomain transcriptional factor essential to intestinal organogenesis. CDX2 is crucial for differentiation of epithelium in the intestine, pancreas and biliary tract. CDX2 interacts with the tumour suppressor genes APC and E-cadherin, as well as bcl-2. In the intestine (from duodenum to rectum) CDX2 nuclear protein is demonstrated strongly and uniformly in all types of epithelial cells. In pancreas and biliary tract CDX2 protein is demonstrated in scattered ductal cells. In tumor tissues, CDX2 is positive in the large majority cases of colorectal and appendiceal adenocarcinomas. CDX2 is a relatively sensitive and specific marker for "intestinal" adenocarcinomas. In the classification of (adeno-)carcinomas of the unknown primary, CDX2 is an important marker but should always be included in a panel. Also in order to identify the origin of neuroendocrine tumors, CDX2 is useful in a panel.
Keywords	CDX2; caudal type homeobox 2; CDX3; CDX-3; CDX2/AS; homeobox protein CDX-2; caudal-type homeobox protein 2; caudal type homeobox transcription factor 2; caudal type homeo box transcription factor 2

GENE INFORMATION

Gene Name	CDX2
Entrez Gene ID	1045
UniProt ID	Q99626