



# CDX-2 (ABT28R) Rabbit mAb (Ready to Use)

<b>Catalog No</b>	YP-rAb-18300
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC
<b>Gene Name</b>	CDX2 CDX3
<b>Protein Name</b>	Homeobox protein CDX-2 (CDX-3) (Caudal-type homeobox protein 2)
<b>Purification Process</b>	Protein A
<b>Specificity</b>	This antibody detects endogenous levels of CDX2,CDX-1
<b>Formulation</b>	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	2° C to 8° C/1 year,Ship by ice bag
<b>Synonyms</b>	Caudal type homeo box 2 antibody ; Caudal type homeo box transcription factor 2 antibody ; Caudal type homeobox 2 antibody ; Caudal type homeobox protein 2 antibody ; Caudal type homeobox transcription factor 2 antibody ; Caudal-type homeobox protein 2 antibody ; CDX 2 antibody ; CDX 3 antibody ; CDX-3 antibody ; Cdx2 antibody ; CDX2/AS antibody ; CDX2_HUMAN antibody ; CDX3 antibody ; Homeobox protein CDX 2 antibody ; Homeobox protein CDX-2 antibody ;
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Detected in small intestine, colon and pancreas.
<b>Function</b>	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.,PTM:Phosphorylation of Ser-60 mediates the transactivation





capacity.,similarity:Belongs to the Caudal homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,

**Background**

This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth an differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

