

**CDX2 Monoclonal Antibody(14H6)**  
Catalog # AP63311**Specification****CDX2 Monoclonal Antibody(14H6) - Product Information**

Application	WB
Primary Accession	<a href="#">Q99626</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

**CDX2 Monoclonal Antibody(14H6) - Additional Information****Gene ID** 1045**Other Names**

CDX2; CDX3; Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein 2

**Dilution**

WB~WB: 1:1000 IHC: 1:200 IF 1:200

**Format**

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

**Storage Conditions**

-20°C

**CDX2 Monoclonal Antibody(14H6) - Protein Information****Name** CDX2**Synonyms** CDX3**Function**

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:<a href="http://www.uniprot.org/citations/28473536" target="\_blank">28473536</a>).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P43241}.

### Tissue Location

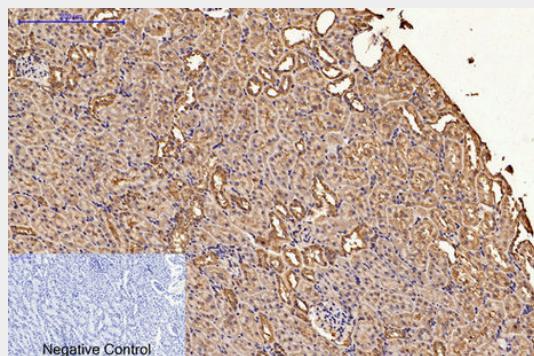
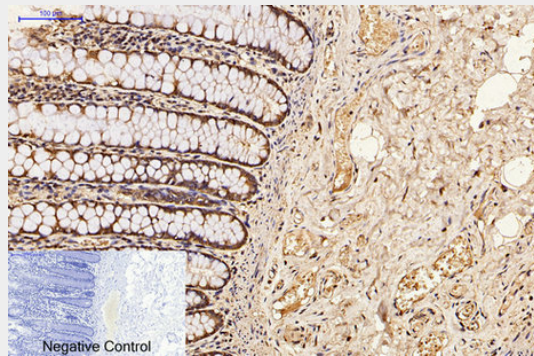
Detected in small intestine, colon and pancreas.

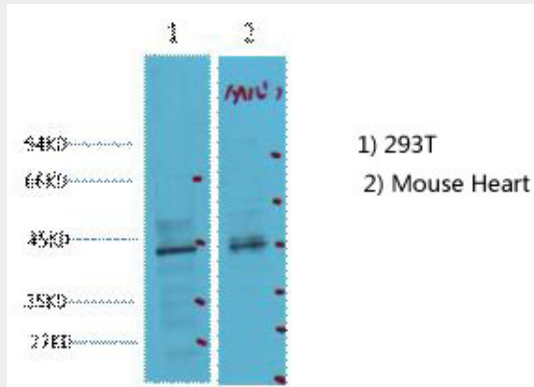
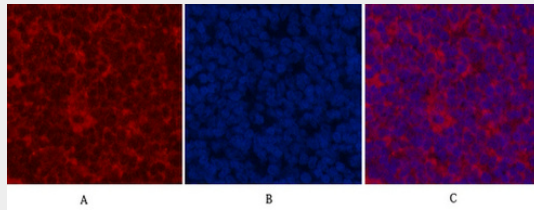
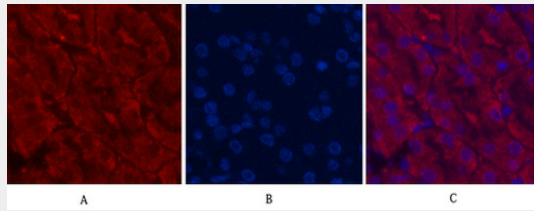
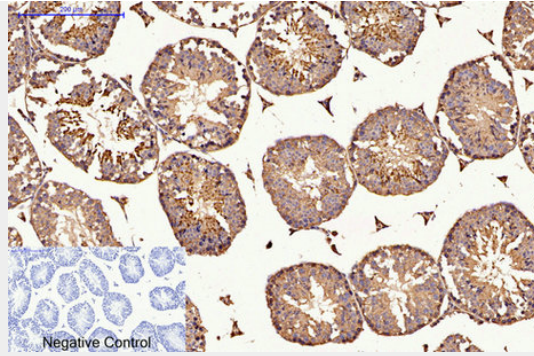
### CDX2 Monoclonal Antibody(14H6) - Protocols

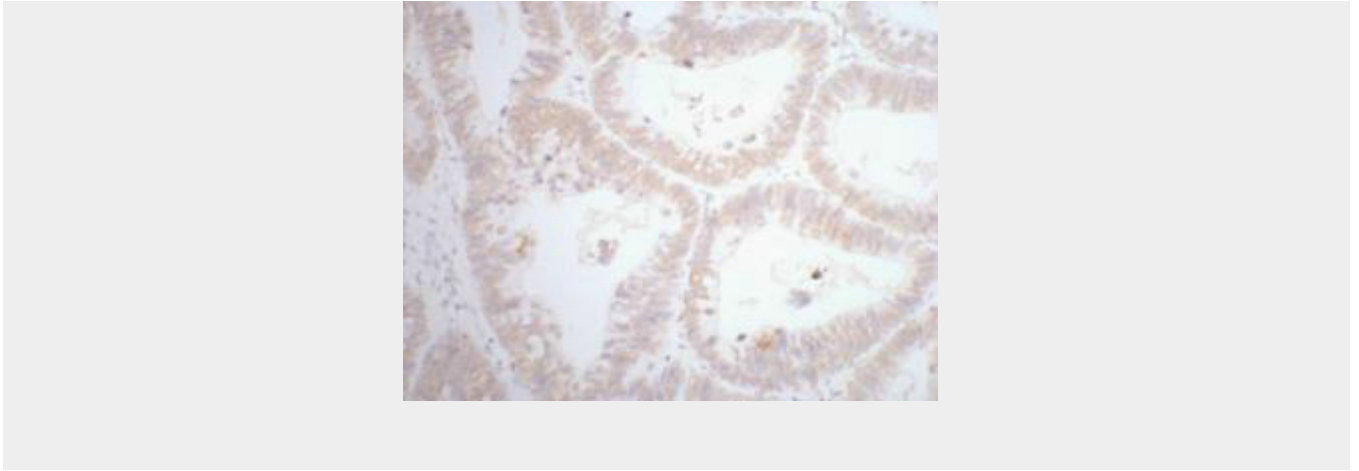
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CDX2 Monoclonal Antibody(14H6) - Images







### **CDX2 Monoclonal Antibody(14H6) - 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. Binds preferentially to methylated DNA (PubMed:28473536).