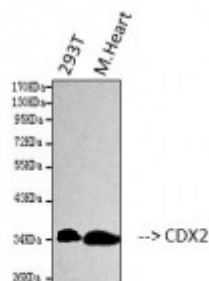


## Anti-CDX2 antibody



Western Blot (WB) analysis of 1. 293T 2. Mouse heart cells using CDX2 Monoclonal Antibody. (STJ96959)



### Description

CDX2 is a protein encoded by the CDX2 gene which is approximately 33,5 kDa. CDX2 is localised to the nucleus. It is involved in incretin synthesis, secretion, and inactivation, embryonic stem cell differentiation pathways and lineage-specific markers. This protein falls under the caudal-related homeobox transcription factor gene family. It is involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium and is important in a broad range of functions including early differentiation and maintenance of the intestinal epithelial lining of both the small and large intestine. CDX2 is expressed in the intestine, blood, stomach, lung and liver. Mutations in the CDX2 gene may result in bladder adenocarcinoma. STJ96959 was developed from clone 14H6 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. This primary antibody detects endogenous CDX2 proteins.

<b>Model</b>	STJ96959
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	IHC, WB
<b>Immunogen</b>	Synthetic Peptide
<b>Gene ID</b>	<a href="#">1045</a>
<b>Gene Symbol</b>	<a href="#">CDX2</a>
<b>Dilution range</b>	WB 1:1000IHC 1:200
<b>Specificity</b>	The antibody detects endogenous CDX2 proteins.

<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Clone ID</b>	14H6
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Homeobox protein CDX-2 CDX-3 Caudal-type homeobox protein 2
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG1
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/omim/180600">HGNC:1806OMIM:600297</a>
<b>Alternative Names</b>	Homeobox protein CDX-2 CDX-3 Caudal-type homeobox protein 2
<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.
<b>Cellular Localization</b>	Nucleus.
<b>Post-translational Modifications</b>	Phosphorylation of Ser-60 mediates the transactivation capacity.