ARG40222
anti-CDX2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CDX2
Tested Reactivity	Hu, Rb
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CDX2
Species	Human
Immunogen	Synthetic peptide derived from Human CDX2.
Conjugation	Un-conjugated
Alternate Names	CDX2/AS; CDX3; Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein 2

Application Instructions

Application table

Application	Dilution
FACS	1:50
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HEK293
Observed Size	~ 38 kDa

Properties

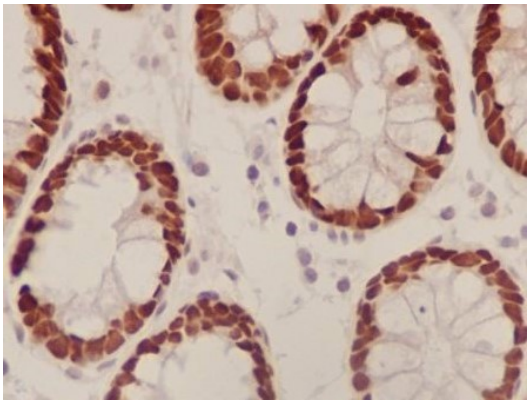
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

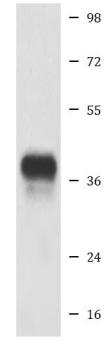
Gene Symbol	CDX2
Gene Full Name	caudal type homeobox 2
Background	This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth an differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012]
Function	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. [UniProt]
Calculated Mw	34 kDa
PTM	Phosphorylation of Ser-60 mediates the transactivation capacity. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG40222 anti-CDX2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon stained with ARG40222 anti-CDX2 antibody.



HEK293

ARG40222 anti-CDX2 antibody WB image

Western blot: HEK293 cell lysate stained with ARG40222 anti-CDX2 antibody.