

ARG63940 anti-CDX2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CDX2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, WB
Specificity	No cross-reactivity expected with CDX1 and 4
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CDX2
Species	Human
Immunogen	EQLSPGGQRRNLCE
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
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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

Database links

[GeneID: 1045 Human](#)

[Swiss-port # Q99626 Human](#)

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 and 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]

Research Area

Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody

Calculated Mw

34 kDa

PTM

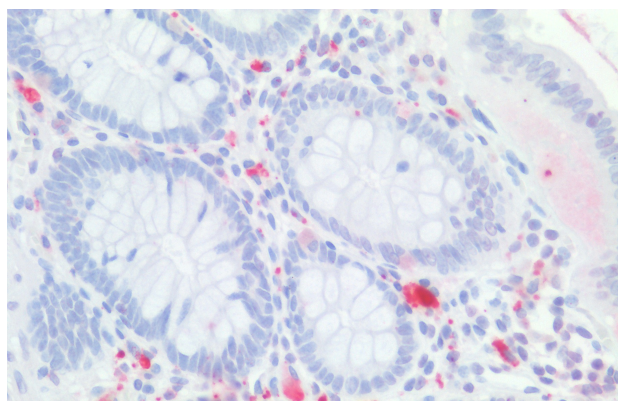
Phosphorylation of Ser-60 mediates the transactivation capacity.

Images



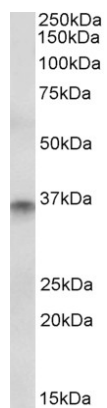
ARG63940 anti-CDX2 antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG63940 anti-CDX2 antibody at 1 µg/ml dilution.



ARG63940 anti-CDX2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63940 anti-CDX2 antibody at 5 µg/ml dilution followed by AP-staining.



ARG63940 anti-CDX2 antibody WB image

Western blot: 35 µg of Human colon lysate (in RIPA buffer) stained with ARG63940 anti-CDX2 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.