

ARG66244 anti-CDX2 antibody [SQab1733]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1733] recognizes CDX2
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1733
Isotype	IgG
Target Name	CDX2
Species	Human
Immunogen	Synthetic peptide around the N-terminus of 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
	IHC-P	1:100 - 1:200
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SW480; Human colon tissue	
Observed Size	~ 40 kDa	

Properties

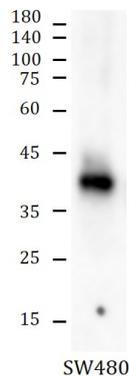
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot 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

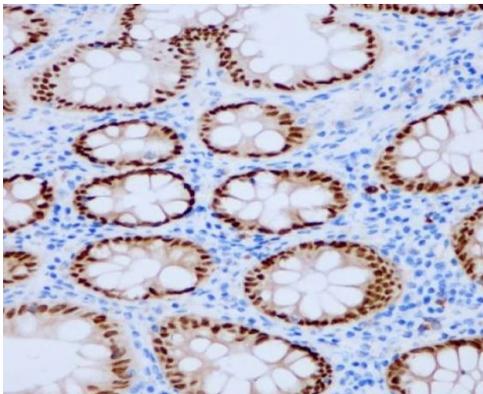
Gene Symbol	CDX2
Gene Full Name	caudal type homeobox 2
Background	This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth and differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012]
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]
Highlight	Related products: CDX2 antibodies ; Anti-Rabbit IgG secondary antibodies ; Related news: Cancer Pathology Markers (SQ clones)
Calculated Mw	34 kDa
PTM	Phosphorylation of Ser-60 mediates the transactivation capacity. [UniProt]

Images



ARG66244 anti-CDX2 antibody [SQab1733] WB image (Customer's Feedback)

Western blot: SW480 cell lysate stained with ARG66244 anti-CDX2 antibody [SQab1733] at 1:1000 dilution.



ARG66244 anti-CDX2 antibody [SQab1733] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon tissue stained with ARG66244 anti-CDX2 antibody [SQab1733] at 1:200. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).