

Rabbit anti-Human CDX1 Polyclonal Antibody | anti-CDX1 antibody

CDX1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286842	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

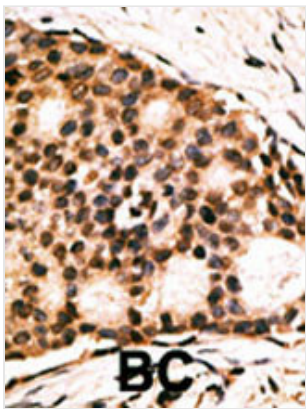
PRODUCT SYNONYMS

CDX1; Polyclonal Antibody; CDX1 Antibody (C-term); Homeobox protein CDX-1; Caudal-type homeobox protein 1; anti-CDX1 antibody

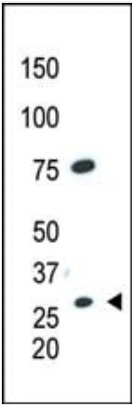
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-265 amino acids from the C-terminal region of human CDX1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	236-265
Sequence Length	265
Applicable Applications for anti-CDX1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-CDX1 C-term Pab is used in Western blot to detect CDX1 in HL60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDX1 antibody	This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded DNA-binding protein regulates intestine-specific gene expression and enterocyte differentiation. It has been shown to induce expression of the intestinal alkaline phosphatase gene, and inhibit beta-catenin/T-cell factor transcriptional activity.
References	Domon-Dell, C., et al., Oncogene 22(39):7913-7921 (2003). Suh, E.R., et al., J. Biol. Chem. 277(39):35795-35800 (2002). Mizoshita, T., et al., Gastric Cancer 4(4):185-191 (2001). Mallo, G.V., et al., Int. J. Cancer 74(1):35-44 (1997). Bonner, C.A., et al., Genomics 28(2):206-211 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	121114296
NCBI GeneID	1044
NCBI Accession #	NP_001795.2
NCBI GenBank Nucleotide #	NM_001804.2
UniProt Accession #	P47902; Q4VAU4; Q9NYK8
Molecular Weight	28138
NCBI Official Full Name	homeobox protein CDX-1
NCBI Official Synonym Full Names	caudal type homeobox 1
NCBI Official Symbol	CDX1
NCBI Protein Information	homeobox protein CDX-1
UniProt Protein Name	Homeobox protein CDX-1
UniProt Gene Name	CDX1
UniProt Entry Name	CDX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

