

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

CDX1 Antibody

CATALOG # AAA312677	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

CDX1; Monoclonal Antibody; CDX1 Antibody; Caudal type homeo box transcription factor 1 antibody; Caudal type homeobox 1 antibody; Caudal type homeobox protein antibody; Caudal type homeobox protein CDX1 antibody; Caudal type homeobox transcription factor 1 antibody; Caudal-type homeobox protein 1 antibody; CDX1 antibody; CDX1_HUMAN antibody; Homeobox protein CDX 1 antibody; Homeobox protein CDX-1 antibody; MGC116915 antibody; OTTHUMP00000160524 antibody; anti-CDX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JG38-50
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CDX1 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein of full length sequence of human Cdx1.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Cdx1 in HOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Cdx1 on human small intestine tissue (1) and CRC cell (2) lysate using anti-Cdx1 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CDX1 antibody	The members of the murine Cdx family (Cdx1, Cdx2, and Cdx4) are members of the caudal-type homeobox family of genes, which are homologues of the Drosophila 'caudal' gene required for anterior-posterior regional identity. The intestine-specific transcription factors Cdx1 and Cdx2 are candidate genes for directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. The relative expression of Cdx1 to Cdx2 protein may be important in the anterior to posterior patterning of the intestinal epithelium and in defining patterns of proliferation and differentiation along the crypt-villus axis. Expression of the Cdx1 homeobox gene in epithelial intestinal cells promotes cellular growth and differentiation. Cdx1 positively regulates its own expression. Cdx1 and Cdx2 are expressed in the small intestine and colon of fetus and adult. A decrease in human Cdx1 and/or Cdx2 expression is associated with colorectal tumorigenesis. Both Cdx1 and Cdx2 genes must be expressed to reduce tumorigenic potential, to increase sensitivity to apoptosis and to reduce cell migration, suggesting that the two genes control the normal phenotype by independent pathways. The human Cdx1 gene maps to chromosome 5q31-q33 and encodes a 265-amino acid protein.
Product Categories/Family for anti-CDX1 antibody	Total protein Ab

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	14,661 Da
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

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdx1-antibody-clone-jg38-50-immunocytochemistry-western-blot-elisa/312677>