

CDX1 recombinant antibody

CDX1 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278970	HEK293F Cell	Human	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

CDX1; Monoclonal Recombinant Antibody; CDX1 Recombinant Monoclonal Antibody; Homeobox protein CDX-1 (Caudal-type homeobox protein 1); CDX1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	11E10
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for CDX1 recombinant antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human CDX1
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cell with AAA278970 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 524-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)

Western BlotPositive WB detected in: HepG2 whole cell lysateAll lanes: CDX1 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 29, 15 kDaObserved band size: 25-30 kDa

ADDITIONAL INFORMATION

Related Product Information for CDX1 recombinant antibody	Plays a role in transcriptional regulation (PubMed:24623306). Involved in activated KRAS-mediated transcriptional activation of PRKD1 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the PRKD1 promoter in colorectal cancer (CRC) cells (PubMed:24623306). Could play a role in the terminal differentiation of the intestine. Binds preferentially to methylated DNA (PubMed:28473536). {ECO:0000269 PubMed:24623306, ECO:0000269 PubMed:28473536}.
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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-recombinant-antibody-clone-11e10-immunofluorescence-western-blot-elisa/278970>