

Mouse CDX2 Monoclonal Antibody | anti-CDX2 antibody

CDX2 Monoclonal Antibody (14H6)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30806	Mouse	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CDX2; Monoclonal Antibody; CDX2 Monoclonal Antibody (14H6); Homeobox protein CDX-2; CDX3; CDX-3; Caudal-type homeobox protein 2; anti-CDX2 antibody

PRODUCT SPECIFICATIONS

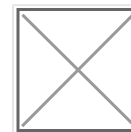
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	14H6
Specificity	The antibody detects endogenous CDX2 proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-CDX2 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000 IHC: 1:200 IF: 1:200
Immunogen	Synthetic Peptide of CDX2
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



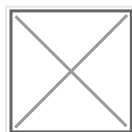
IF (Immunofluorescence)

Immunofluorescence analysis of Hela cell. 1.Amyloid-? Polyclonal Antibody(green) was diluted at 1:200(4 degree overnight). (red) was diluted at 1:200(4 degree overnight). 2. Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature. 50min). Goat Anti Mouse Alexa Fluor 594 was diluted at 1:1000(room temperature. 50min).



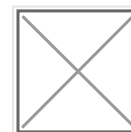
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1.CDX2 Monoclonal Antibody(14H6) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1.CDX2 Monoclonal Antibody(14H6) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-colon tissue. 1.CDX2 Monoclonal Antibody(14H6) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

IHC staining of human rectal cancer tissue. diluted at 1:200.



Application Data

Liu. Huiming. et al. "The role of CDX2 in renal tubular lesions during diabetic kidney disease." Aging (Albany NY) 13.5 (2021): 6782.

ADDITIONAL INFORMATION

Related Product Information for anti-CDX2 antibody	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]
Product Categories/Family for anti-CDX2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	372624392
NCBI GeneID	1045
NCBI Accession #	NP_001256.3
NCBI GenBank Nucleotide #	NM_001265.4
UniProt Accession #	Q99626; O00503; Q5VTU7; Q969L8; Q9UD92
Molecular Weight	33,520 Da
NCBI Official Full Name	homeobox protein CDX-2
NCBI Official Synonym Full Names	caudal type homeobox 2
NCBI Official Symbol	CDX2
NCBI Official Synonym Symbols	CDX3; CDX-3
NCBI Protein Information	homeobox protein CDX-2; caudal-type homeobox protein 2; caudal type homeobox transcription factor 2; caudal type homeo box transcription factor 2
UniProt Protein Name	Homeobox protein CDX-2
UniProt Gene Name	CDX2
UniProt Synonym Gene Names	CDX3
UniProt Entry Name	CDX2_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdx2-antibody-clone-14h6-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/30806>