

Datasheet for ABIN6991270
anti-CDX2 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	CDX2
Binding Specificity:	AA 220-270, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	CDX2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human CDX2. The immunogen is located within amino acids 220 - 270 of CDX2.
Isotype:	IgG
Purification:	CDX2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CDX2
Alternative Name:	CDX2 (CDX2 Products)
Background:	CDX2 Antibody: CDX2 is a member of the caudal homeobox family of transcription factors that also includes the proteins CDX1 and CDX4. CDX2 is strongly expressed in the trophectoderm in

Target Details

the blastocyst with expression maintained within the proliferating extra-embryonic ectoderm during development. It is required for the repression of the transcription of the POU5F1/Oct4 and NANOG genes in the outer cells of the blastocyst and is thus essential for the segregation of the inner cell mass and trophectoderm at the blastocyst stage. Aberrant expression of CDX2 is associated with numerous types of carcinomas, including intestinal metaplasia, gastric carcinoma, and acute myeloid leukemia due to deregulated HOX gene expression.

Gene ID:	1045
UniProt:	Q99626
Pathways:	Peptide Hormone Metabolism , Stem Cell Maintenance

Application Details

Application Notes:	CDX2 antibody can be used for detection of CDX2 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CDX2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	CDX2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.