

Rabbit anti-Human Phospho-CDX2 (S283) Polyclonal Antibody | anti-CDX2 antibody

Phospho-CDX2 (S283) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285196	Rabbit	Human	ELISA, Dot Blot, Immunofluorescence

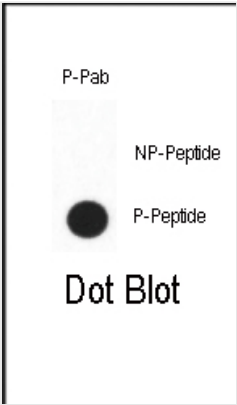
PRODUCT SYNONYMS

Phospho-CDX2 (S283); Polyclonal Antibody; Phospho-CDX2 (S283) Antibody; Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein 2; CDX2; CDX3; anti-CDX2 antibody

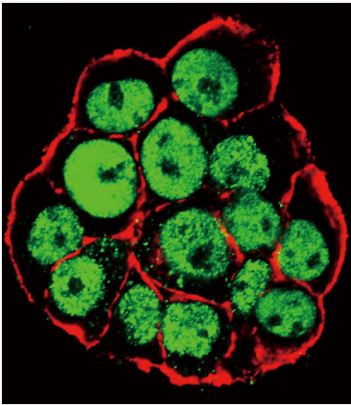
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDX2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S283 of human CDX2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.33 (varies by lot)
Sequence Length	313
Applicable Applications for anti-CDX2 antibody	ELISA, DB (Dot Blot), IF (Immunofluorescence)
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



DB (Dot Blot)
Dot blot analysis of anti-Phospho-CDX2 Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Phospho-CDX2-S283 Antibody with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-CDX2 antibody	The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear proteins that bind to specific sequences within the promoter of the insulin gene (INS; MIM 176730) and interact with RNA polymerase to activate or repress transcription. The proteins LMX1 (MIM 600298) and CDX3 are homeodomain proteins that bind an A/T-rich sequence in the insulin promoter and stimulate its transcription.
Product Categories/Family for anti-CDX2 antibody	Developmental Biology; Signal Transduction; Phospho Antibodies
References	Benoit, Y.D., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 298 (4), G504-G517 (2010) Xie, Y., et al. Int. J. Oncol. 36(2):509-516(2010) Park do, Y., et al. Mod. Pathol. 23(1):54-61(2010) Lora, V., et al. Anticancer Res. 29(12):5033-5037(2009) Porjazova, E., et al. Akush Ginekol (Sofia) 48(4):32-34(2009)

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	33520
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; CDX2/AS
NCBI Protein Information	homeobox protein CDX-2
UniProt Protein Name	Homeobox protein CDX-2
UniProt Gene Name	CDX2
UniProt Synonym Gene Names	CDX3

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/polyclonal/phospho-cdx2-s283-antibody-dot-blot-immunofluorescence-elisa/285196>