

## 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 |

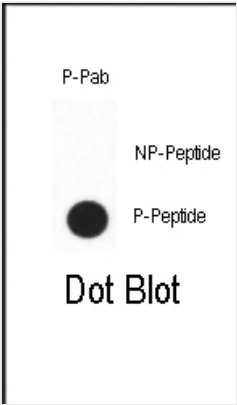
### PRODUCT SYNONYMS

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

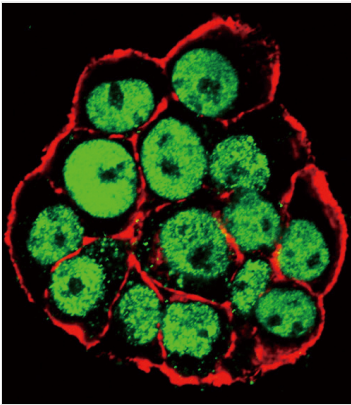
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Xie, Y., et al. Int. J. Oncol. 36(2):509-516(2010)<br>Park do, Y., et al. Mod. Pathol. 23(1):54-61(2010)<br>Lora, V., et al. Anticancer Res. 29(12):5033-5037(2009)<br>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://www.aaabiotech.com/polyclonal/phospho-cdx2-s283-antibody-dot-blot-immunofluorescence-elisa/285196>