

Datasheet for ABIN7454664  
**anti-CDX2 antibody (C-Term)**



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## Overview

|                      |                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 20 µg                                                                                                                        |
| Target:              | CDX2                                                                                                                         |
| Binding Specificity: | C-Term                                                                                                                       |
| Reactivity:          | Human                                                                                                                        |
| Host:                | Rabbit                                                                                                                       |
| Clonality:           | Polyclonal                                                                                                                   |
| Conjugate:           | This CDX2 antibody is un-conjugated                                                                                          |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

## Product Details

|               |                                              |
|---------------|----------------------------------------------|
| Purpose:      | Rabbit anti-CDX2 Antibody, Affinity Purified |
| Immunogen:    | between AA 275 and C-term                    |
| Isotype:      | IgG                                          |
| Purification: | Affinity Purified                            |

## Target Details

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Target:           | CDX2                                                                                  |
| Alternative Name: | CDX2 ( <a href="#">CDX2 Products</a> )                                                |
| Background:       | Background: CDX is a caudal-related protein (Cdx) and member of the homeobox class of |

## Target Details

genes. Homeobox genes are a large family of transcription factors that play an important role in mesoderm development. CDX2 is one of three human homologs that functions in posterior structure development and intestinal epithelial development. CDX2 is a transactivator of several intestine-specific genes such as isomaltase, lactase, carbonic anhydrase, MUC2, and others. CDX2 may function as a tumor suppressor in the colon.

|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| Gene ID:        | 1045                                                                               |
| NCBI Accession: | <a href="#">NP_001256</a>                                                          |
| UniProt:        | <a href="#">Q99626</a>                                                             |
| Pathways:       | <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Stem Cell Maintenance</a> |

## Application Details

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | IHC: 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.<br>IP: 1 - 4 µg/mg lysate<br>WB: 1:2,000 - 1:10,000 |
| Restrictions:      | For Research Use only                                                                                                                                           |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 200 µg/mL                                                                                                              |
| Buffer:            | Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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:           | 4 °C                                                                                                                   |
| Expiry Date:       | 12 months                                                                                                              |