

## Datasheet for ABIN2780382

# anti-CDX1 antibody (N-Term)





#### Overview

Quantity:	100 μL
Target:	CDX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Rabbit, Dog, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDX1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CDX1
Sequence:	GPPAPPPAPP QYPDFSSYSH VEPAPAPPTA WGAPFPAPKD DWAAAYGPGP
Predicted Reactivity:	Cow: 86%, Dog: 79%, Human: 100%, Mouse: 79%, Pig: 79%, Rabbit: 85%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against CDX1. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	CDX1
Alternative Name:	CDX1 (CDX1 Products)
Background:	This gene is a member of the caudal-related homeobox transcription factor gene family. The

encoded DNA-binding protein regulates intestine-specific gene expression and enterocyte differentiation. It has been shown to induce expression of the intestinal alkaline phosphatase gene, and inhibit beta-catenin/T-cell factor transcriptional activity.

Alias Symbols: MGC116915

Protein Interaction Partner: LGR4, LEF1, SOX2, CEBPA,

Protein Size: 265

For Research Use only

Molecular Weight: 28 kDa

Gene ID: 1044

NCBI Accession: NM\_001804, NP\_001795

UniProt: P47902

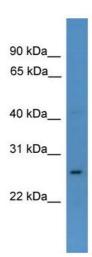
### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 265 AA

## Handling

Restrictions:

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### **Western Blotting**

**Image 1.** WB Suggested Anti-CDX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: OVCAR-3 cell lysate