

Datasheet for ABIN2780382
anti-CDX1 antibody (N-Term)



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1 Image

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

Target Details

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

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
Restrictions:	For Research Use only

Handling

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