

## Anti-CDX1 Antibody (3C463)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3C463
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in: HepG2 whole cell lysate</li><li>-All lanes: CDX1 antibody at 1:2000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 29, 15 kDa</li><li>-Observed band size: 25-30 kDa</li></ul> <p>2. Immunofluorescence staining of Hela cell with TMAH-00257 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 524-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).</p>
Application:	ELISA, WB, IF
Recommended	WB:1:500-1:2000; IF:1:50-1:200.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human CDX1
Antigen Species:	Human
Gene ID:	1044
Uniprot ID:	P47902
Synonyms:	Caudal-type homeobox protein 1;Homeobox protein CDX-1;CDX 1
Biology Area:	Epigenetics and Nuclear Signaling

### Research Background

Plays a role in transcriptional regulation. Involved in activated KRAS-mediated transcriptional activation of PRKD1 in colorectal cancer (CRC) cells. Binds to the PRKD1 promoter in colorectal cancer (CRC) cells. Could play a role in the terminal differentiation of the intestine. Binds preferentially to methylated DNA.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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