

Datasheet for ABIN3028539
anti-CDX2 antibody (pSer283)



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3 Images

Overview

Quantity:	0.4 mL
Target:	CDX2
Binding Specificity:	pSer283
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDX2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Dot Blot (DB)

Product Details

Immunogen:	This phospho-CDX2 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS283 of human CDX2.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	CDX2
Alternative Name:	CDX2 (CDX2 Products)
Background:	CDX2 is involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of

Target Details

	the intestinal epithelial lining of both the small and large intestine. [UniProt]
UniProt:	Q99626
Pathways:	Peptide Hormone Metabolism , Stem Cell Maintenance

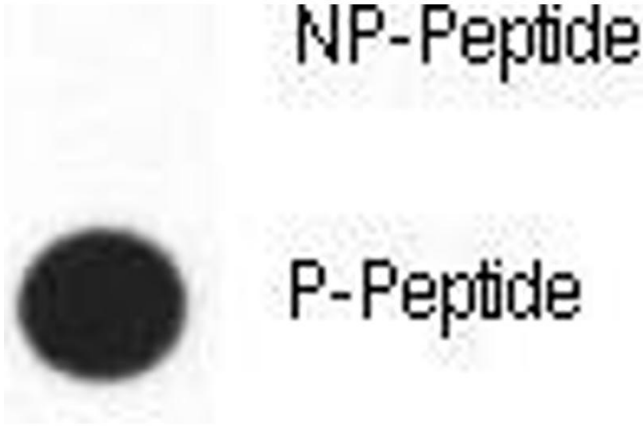
Application Details

Application Notes:	Titration of the phospho-CDX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Immunofluorescence: 1:10-1:50, Dot blot: 1:500
Restrictions:	For Research Use only

Handling

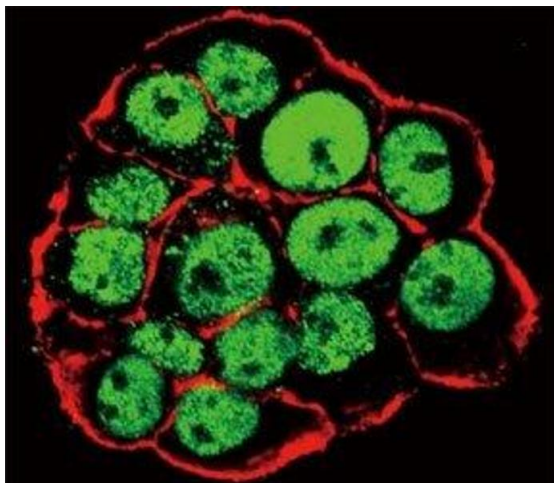
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the phospho-CDX2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



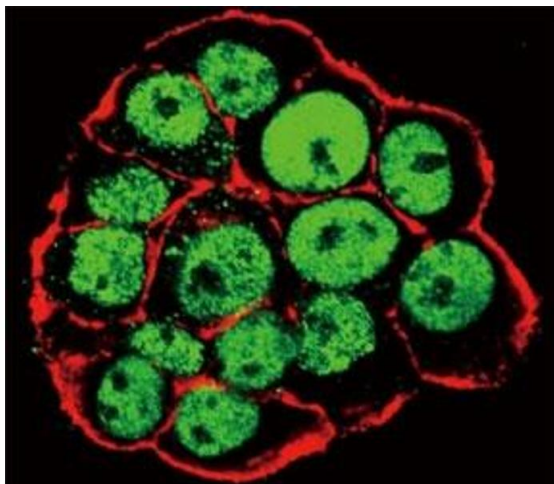
Dot Blot

Image 1. Dot blot analysis of phospho-CDX2 antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of phospho CDX2 antibody and WiDr cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red).



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of phospho CDX2 antibody and WiDr cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red).