

Datasheet for ABIN650838
anti-CDX2 antibody (pSer283)



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2 Images

Overview

Quantity:	400 µL
Target:	CDX2
Binding Specificity:	pSer283
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDX2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Dot Blot (DB)

Product Details

Immunogen:	This CDX2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S283 of human CDX2.
Clone:	RB16600
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CDX2
Alternative Name:	CDX2 (CDX2 Products)
Background:	The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear

Target Details

proteins that bind to specific sequences within the promoter of the insulin gene (INS, MIM 176730) and interact with RNA polymerase to activate or repress transcription. The proteins LMX1 (MIM 600298) and CDX3 are homeodomain proteins that bind an A/T-rich sequence in the insulin promoter and stimulate its transcription.

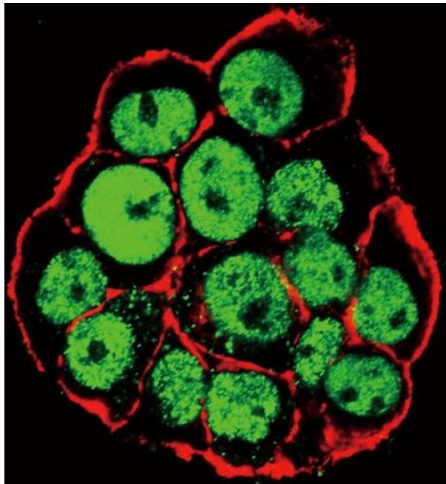
Molecular Weight:	33520
Gene ID:	1045
NCBI Accession:	NP_001256
UniProt:	Q99626
Pathways:	Peptide Hormone Metabolism , Stem Cell Maintenance

Application Details

Application Notes:	IF: 1:10~50. DB: 1:500
Restrictions:	For Research Use only

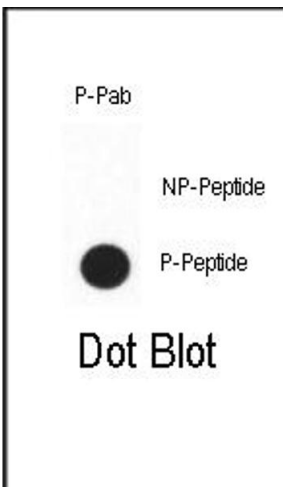
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of Phospho-CDX2- Antibody (ABIN650838 and ABIN2839803) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).



Dot Blot

Image 2. Dot blot analysis of anti-Phospho-CDX2 Phospho-specific Pab (ABIN650838 and ABIN2839803) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.