

Datasheet for ABIN7155669
anti-CUX1 antibody (AA 24-94)



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1 Image

Overview

Quantity:	100 µL
Target:	CUX1
Binding Specificity:	AA 24-94
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CUX1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Homeobox protein cut-like 1 protein (24-94AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CUX1
Alternative Name:	CUX1 (CUX1 Products)
Background:	Background: Probably has a broad role in mammalian development as a repressor of developmentally regulated gene expression. May act by preventing binding of positively-activating

Target Details

CCAAT factors to promoters. Component of nf-munr repressor, binds to the matrix attachment regions (MARs) (5\' and 3\') of the immunoglobulin heavy chain enhancer. Represses T-cell receptor (TCR) beta enhancer function by binding to MARbeta, an ATC-rich DNA sequence located upstream of the TCR beta enhancer. Binds to the TH enhancer, may require the basic helix-loop-helix protein TCF4 as a coactivator (By similarity).

Aliases: CUX1 antibody, CUTL1Homeobox protein cut-like 1 antibody, CCAAT displacement protein antibody, CDP antibody, Homeobox protein cux-1 antibody

UniProt: [P39880](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

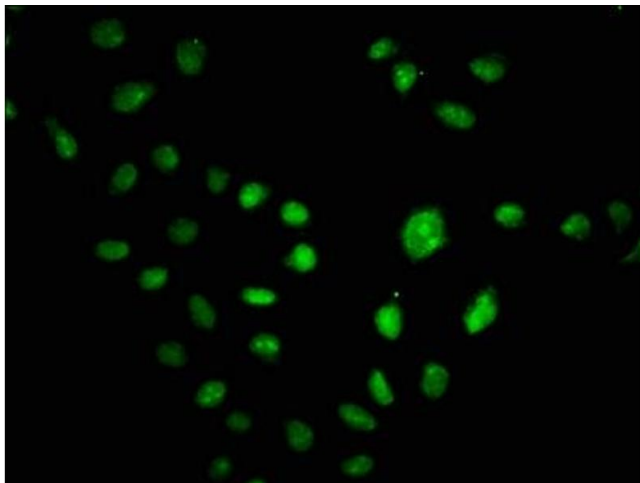
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7155669 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 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 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).