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Datasheet for ABIN7155673
anti-DLX1 antibody (AA 8-114)

1 Image

Overview

Quantity:	100 µg
Target:	DLX1
Binding Specificity:	AA 8-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLX1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Homeobox protein DLX-1 protein (8-114AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DLX1
Alternative Name:	DLX1 (DLX1 Products)
Background:	Background: Plays a role as a transcriptional activator or repressor (PubMed:14671321). Inhibits several cytokine signaling pathways, such as TGFB1, activin-A/INHBA and BMP4 by

Target Details

interfering with the transcriptional stimulatory activity of transcription factors, such as MSX2, FAST2, SMAD2 and SMAD3 during hematopoietic cell differentiation (PubMed:14671321). Plays a role in terminal differentiation of interneurons, such as amacrine and bipolar cells in the developing retina (By similarity). Likely to play a regulatory role in the development of the ventral forebrain (By similarity). May play a role in craniofacial patterning and morphogenesis and may be involved in the early development of diencephalic subdivisions (By similarity).

Aliases: DII B antibody, Distal less homeo box 1 antibody, Distal less homeobox 1 antibody, Distal-less homeobox gene 1a antibody, Dlx 1 antibody, Dlx antibody, Dlx1 antibody, Dlx1 distal-less homeobox 1 antibody, DLX1_HUMAN antibody, Homeo box protein DLX1 antibody, Homeobox protein DLX 1 antibody, Homeobox protein DLX-1 antibody, Homeobox protein Dlx1a antibody, Homeodomain transcription factor DLX1 antibody, MGC189409 antibody, OTTHUMP00000082494 antibody, OTTHUMP00000082497 antibody, OTTMUSP00000014202 antibody, RP23-419H3.3 antibody

UniProt: [P56177](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

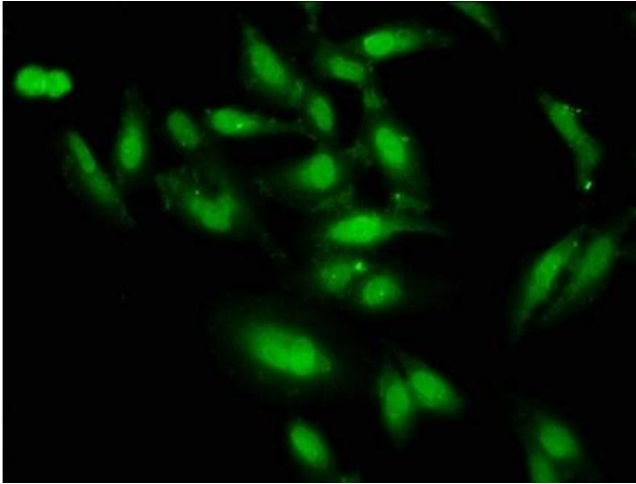
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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 ABIN7155673 at 1:66, 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).