

Rabbit anti-Human DLX1 Polyclonal Antibody | anti-DLX1 antibody

DLX1 Antibody

CATALOG # AAA234395	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, ELISA
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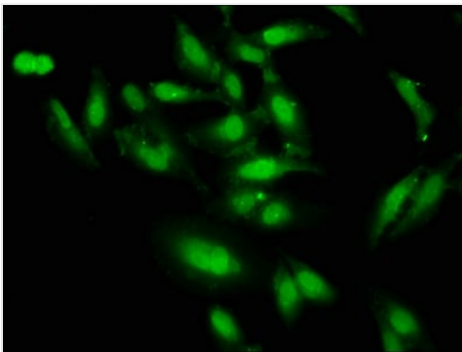
PRODUCT SYNONYMS

DLX1; Polyclonal Antibody; DLX1 Antibody; Homeobox protein DLX-1; anti-DLX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	129
Applicable Applications for anti-DLX1 antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human Homeobox protein DLX-1 protein (8-114AA)
Species	Homo sapiens (Human)
Research Area	Neuroscience
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HeLa cells with AAA234395 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

ADDITIONAL INFORMATION

Related Product Information for anti-DLX1 antibody	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 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).
Product Categories/Family for anti-DLX1 antibody	Epigenetics and Nuclear Signaling; Neuroscience; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	84043956
NCBI GeneID	1745
NCBI Accession #	NP_001033582.1
NCBI GenBank Nucleotide #	NM_001038493.1
UniProt Accession #	P56177; Q53ZU4; Q7Z724; Q8IYB2; D3DPD7
NCBI Official Full Name	homeobox protein DLX-1 isoform 2
NCBI Official Synonym Full Names	distal-less homeobox 1
NCBI Official Symbol	DLX1
NCBI Protein Information	homeobox protein DLX-1
UniProt Protein Name	Homeobox protein DLX-1
UniProt Gene Name	DLX1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.