

For Research Use Only

DLX1 Polyclonal antibody

Catalog Number: 13046-1-AP **2 Publications**



Basic Information

Catalog Number: 13046-1-AP	GenBank Accession Number: BC036189	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1745	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P56177	
Isotype: IgG	Full Name: distal-less homeobox 1	
Immunogen Catalog Number: AG3586	Calculated MW: 255 aa, 27 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : human brain tissue, A375 cells, HeLa cells IHC : mouse brain tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Distal-less homeobox 1 (DLX1) is a member of the DLX family of homeobox transcription factors, which is essential for the production of forebrain GABAergic interneurons during embryonic development. The DLX family of homeobox transcription factors (Dlx1, Dlx2, Dlx5 and Dlx6) is expressed in overlapping domains at different stages of cell differentiation in the subpallium and controls differentiation of GABAergic neurons. DLX1 possibly has a role in craniofacial patterning and morphogenesis and involves in the early development of diencephalic subdivisions.

Notable Publications

Author	Pubmed ID	Journal	Application
Peide Bai	32368149	Cancer Manag Res	WB
Ruiqi Yu	39138375	Cell Death Differ	WB

Storage

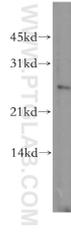
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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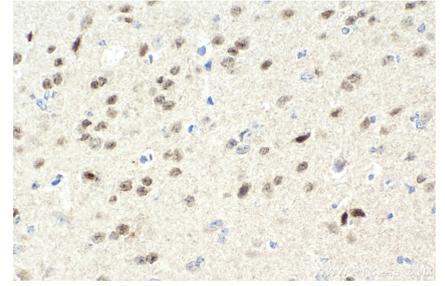
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 13046-1-AP (DLX1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13046-1-AP (DLX1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13046-1-AP (DLX1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).