

For Research Use Only

DLX2 Polyclonal antibody

Catalog Number: 26244-1-AP **4 Publications**



Basic Information

Catalog Number: 26244-1-AP	GenBank Accession Number: BC032558	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 1746	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q07687	
Isotype: IgG	Full Name: distal-less homeobox 2	
Immunogen Catalog Number: AG24663	Calculated MW: 34 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : NIH/3T3 cells, IHC : mouse brain tissue, IF : SH-SY5Y cells,
Cited Applications: WB, IF, IHC, CoIP	
Species Specificity: human, mouse	
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

DLX2, also named as Homeobox protein DLX-2, is a 328 amino acid protein, which contains 1 homeobox DNA-binding domain and belongs to the distal-less homeobox family. DLX2 localizes in the nucleus and is a Phosphoprotein. DLX2 likely to play a regulatory role in the development of the ventral forebrain and may play a role in craniofacial patterning and morphogenesis. The calculated molecular weight of DLX2 is 34 kDa, but modified DLX2 is about 45-50 kDa. (PMID: 14769946)

Notable Publications

Author	Pubmed ID	Journal	Application
Xukun Li	35917972	Cancer Lett	IHC
Christopher Y Chen	30408033	PLoS One	IF
Qi Cui	30787286	Cell Death Dis	WB

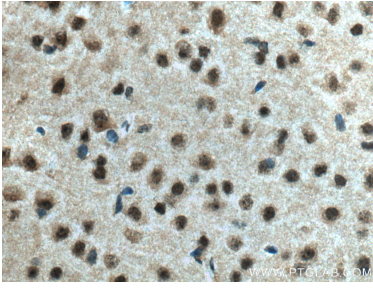
Storage

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

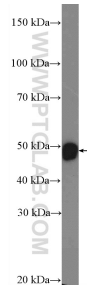
For technical support and original validation data for this product please contact:
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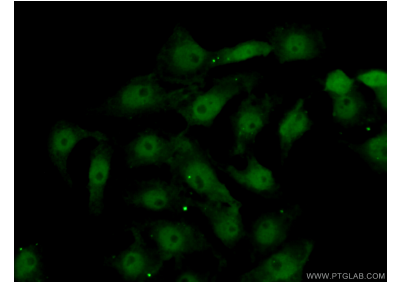
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 26244-1-AP (DLX2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 26244-1-AP (DLX2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed SH-SY5Y cells using 26244-1-AP (DLX2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).