

For Research Use Only

DLX1 Polyclonal antibody

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



Basic Information

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| Catalog Number: 13046-1-AP | GenBank Accession Number: BC036189 | Purification Method: Antigen affinity purification |
| Size: 350 µg/ml | GeneID (NCBI): 1745 | Recommended Dilutions: WB 1:500-1:1000 |
| 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

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| Tested Applications: WB, ELISA | Positive Controls: WB : human brain tissue, A375 cells, HeLa cells |
| Cited Applications: WB | |
| Species Specificity: human, mouse, rat | |
| Cited Species: human | |

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 |

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:

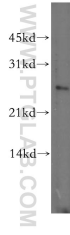
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Selected Validation Data



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.