

For Research Use Only

DLX6 Recombinant antibody

Catalog Number: 85946-1-RR



Basic Information

Catalog Number:

85946-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19724

GenBank Accession Number:

BC069363

GeneID (NCBI):

1750

UNIPROT ID:

P56179

Full Name:

distal-less homeobox 6

Calculated MW:

175 aa, 20 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

250408B4

Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IHC : mouse embryo tissue,

Background Information

Distal-less homeobox 6 (DLX6) has been reported to play important roles in the development of craniofacial structures, inner ear, limb, and brain. DLX6 was significantly highly expressed in oral cancer tissues in The Cancer Genome Atlas database. DLX6 promotes cell proliferation and suppresses cell apoptosis in oral cancer cells. EGFR-CCND1 pathway might be the potential mechanism participating in the regulating axis (PMID: 33215805).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

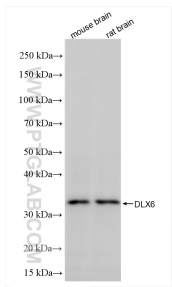
T: 4006900926

E: Proteintech-CN@ptglab.com

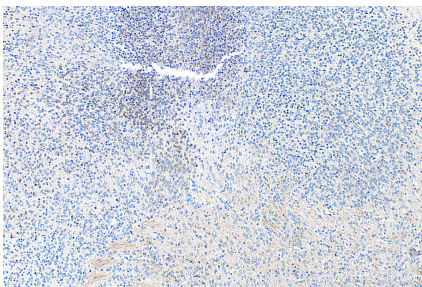
W: ptgcn.com

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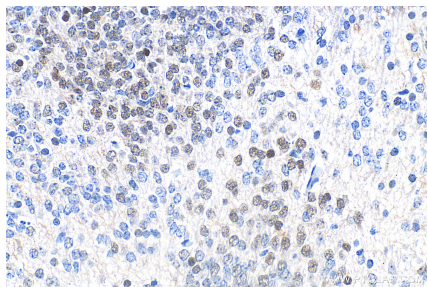
Selected Validation Data



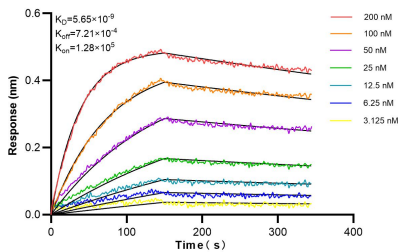
Various lysates were subjected to SDS PAGE followed by western blot with 85946-1-RR (DLX6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 85946-1-RR (DLX6 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 embryo tissue slide using 85946-1-RR (DLX6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 85946-1-RR against Human DLX6 were performed. The affinity constant is 5.65 nM.