

Dlx-5 rabbit pAb**Cat#: orb765053 (Manual)**

For research use only. Not intended for diagnostic use.

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| Product Name | Dlx-5 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human DLX5. AA range:91-140 |
| Specificity | Dlx-5 Polyclonal Antibody detects endogenous levels of Dlx-5 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Homeobox protein DLX-5 |
| Gene Name | DLX5 |
| Cellular localization | Nucleus . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

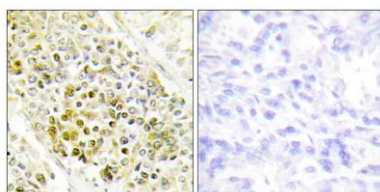
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|--------------------------------|------------------------------|
| Concentration | 1 mg/ml |
| Observed band | 32kD |
| Human Gene ID | 1749 |
| Human Swiss-Prot Number | P56178 |
| Alternative Names | DLX5; Homeobox protein DLX-5 |

Background

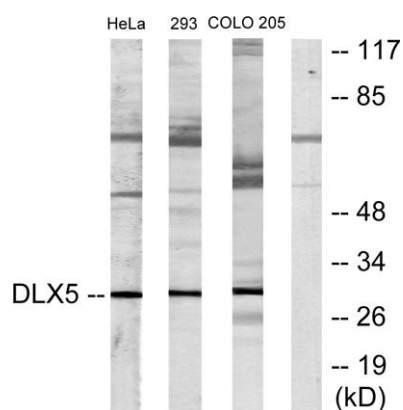
This gene encodes a member of a homeobox transcription factor gene family similar to the *Drosophila* distal-less gene. The encoded protein may play a role in bone development and fracture healing. Mutation in this gene, which is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 7, may be associated with split-hand/split-foot malformation. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using DLX-5 Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using DLX5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa, 293, and COLO205 cells, using DLX5 Antibody. The lane on the right is blocked with the synthesized peptide.