

## Rabbit DLX5 Polyclonal Antibody | anti-DLX5 antibody

DLX5 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308360</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

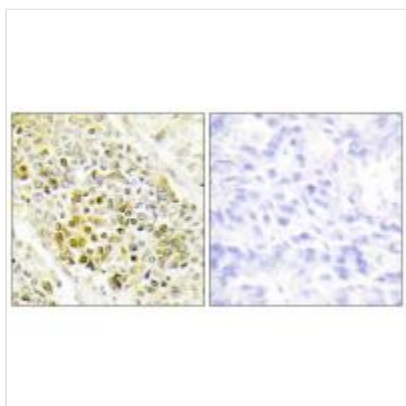
### PRODUCT SYNONYMS

DLX5; Polyclonal Antibody; DLX5 Antibody; Homeobox protein DLX-5; anti-DLX5 antibody

### PRODUCT SPECIFICATIONS

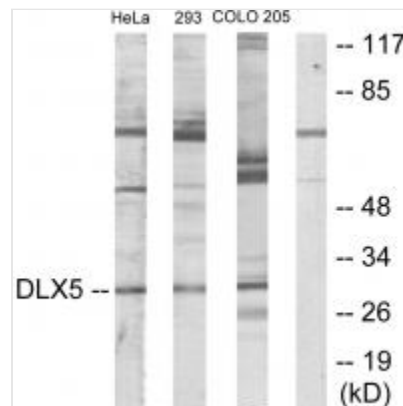
|                                                |                                                                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                             |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                         |
| Specificity                                    | The antibody detects endogenous levels of total DLX5 protein.                                                                                      |
| Purity/Purification                            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                | 289                                                                                                                                                |
| Applicable Applications for anti-DLX5 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                      |
| Immunogen Type                                 | Peptide                                                                                                                                            |
| Immunogen Description                          | Synthesized peptide derived from internal of human DLX5.                                                                                           |
| Target Name                                    | DLX5                                                                                                                                               |
| Preparation and Storage                        | Store at -20 degree C                                                                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using DLX5 antibody.



#### WB (Western Blot)

Western blot analysis of extracts from HeLa cells, 293 cells and COLO205 cells, using DLX5 antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DLX5 antibody | Transcriptional factor involved in bone development. Acts as an immediate early BMP-responsive transcriptional activator essential for osteoblast differentiation. Stimulates ALPL promoter activity in a RUNX2-independent manner during osteoblast differentiation. Stimulates SP7 promoter activity during osteoblast differentiation. Promotes cell proliferation by up-regulating MYC promoter activity. Involved as a positive regulator of both chondrogenesis and chondrocyte hypertrophy in the endochondral skeleton. Binds to the homeodomain-response element of the ALPL and SP7 promoter. Binds to the MYC promoter. Requires the 5'-TAATTA-3' consensus sequence for DNA-binding.Ota T., Nat. Genet. 36:40-45(2004).Hillier L.W., Nature 424:157-164(2003).Willis D.M., J. Biol. Chem. 277:37280-37291(2002). |
| Product Categories/Family for anti-DLX5 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 4885187                |
| NCBI GeneID                      | 1749                   |
| NCBI Accession #                 | NP_005212.1            |
| NCBI GenBank Nucleotide #        | NM_005221.5            |
| UniProt Accession #              | P56178; Q9UPL1; B7Z4P3 |
| Molecular Weight                 | 20,900 Da              |
| NCBI Official Full Name          | homeobox protein DLX-5 |
| NCBI Official Synonym Full Names | distal-less homeobox 5 |
| NCBI Official Symbol             | DLX5                   |
| NCBI Official Synonym Symbols    | SHFM1D                 |
| NCBI Protein Information         | homeobox protein DLX-5 |
| UniProt Protein Name             | Homeobox protein DLX-5 |
| UniProt Gene Name                | DLX5                   |
| UniProt Entry Name               | DLX5_HUMAN             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dlx5-antibody-immunohistochemistry-western-blot-elisa/308360>