

## Rabbit anti-Human, Mouse DLX3 Polyclonal Antibody | anti-DLX3 antibody

DLX3 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                                       |
|-----------|--------|--------------|------------------------------------------------------------------------------------|
| AAA320974 | Rabbit | Human, Mouse | ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

DLX3; Polyclonal Antibody; DLX3 Antibody; AI4; Distal less homeo box 3; DLX 3; Dlx3; DLX3 distalless homeobox 3; DLX3\_HUMAN; Homeobox protein DLX 3; Homeobox protein DLX-3; Homeobox protein Dlx3; TDO; anti-DLX3 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Specificity                                    | DLX3 antibody detects endogenous levels of total DLX3                                                          |
| Purity/Purification                            | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                  |
| Form/Format                                    | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                  |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                         |
| Sequence Length                                | 287                                                                                                            |
| Applicable Applications for anti-DLX3 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)       |
| Immunogen                                      | A synthesized peptide derived from human DLX3                                                                  |
| Subcellular Location                           | Nucleus.                                                                                                       |
| Predicted Cross Reactivity                     | <b>Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus</b>                                                |
| Similarity                                     | Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (90%), Xenopus (90%) |
| Conjugation                                    | Unconjugated                                                                                                   |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                              |

### IMAGES



#### IF (Immunofluorescence)

AAA320974 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



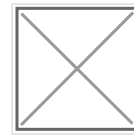
#### WB (Western Blot)

Western blot analysis on mouse brain lysate using DLX3 Antibody



#### IHC (Immunohistochemistry)

AAA320974 at 1/100 staining human muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### WB (Western Blot)

Western blot analysis on 293 cell lysate using DLX3 Antibody. The lane on the left is treated with the antigen-specific peptide.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-DLX3 antibody

Description: DLX3 Likely to play a regulatory role in the development of the ventral forebrain. May play a role in craniofacial patterning and morphogenesis. Belongs to the distal-less homeobox family.  
Function: Likely to play a regulatory role in the development of the ventral forebrain. May play a role in craniofacial patterning and morphogenesis.  
Subunit Structure: Heterodimer with MEIS1.  
Similarity: Belongs to the distal-less homeobox family.

### NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4885185                               |
| NCBI GeneID                      | 1747                                  |
| NCBI Accession #                 | NP_005211.1                           |
| NCBI GenBank Nucleotide #        | NM_005220.2                           |
| UniProt Accession #              | O60479; B3KQL6                        |
| Molecular Weight                 | Observed: 45 kDa<br>Predicted: 32 kDa |
| NCBI Official Full Name          | homeobox protein DLX-3                |
| NCBI Official Synonym Full Names | distal-less homeobox 3                |
| NCBI Official Symbol             | DLX3                                  |
| NCBI Official Synonym Symbols    | AI4; TDO                              |
| NCBI Protein Information         | homeobox protein DLX-3                |
| UniProt Protein Name             | Homeobox protein DLX-3                |
| UniProt Gene Name                | DLX3                                  |

**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/dlx3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320974>