

Product datasheet for **TA345498**

DLX4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DLX4 antibody: synthetic peptide directed towards the N terminal of human DLX4. Synthetic peptide located within the following region: YPLGLSPTTAASP NLSYSRYPYGHLLSYPYTEPANPGDSYLSCQQAALSQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	26 kDa
Gene Name:	distal-less homeobox 4
Database Link:	NP_612138 Entrez Gene 1748 Human Q92988



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Background:

Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with *Drosophila* developmental genes. Members of the *Dlx* gene family contain a homeobox that is related to that of *Distal-less* (*Dll*), a gene expressed in the head and limbs of the developing fruit fly. The *Distal-less* (*Dlx*) family of genes comprises at least 6 different members, *DLX1-DLX6*. The *DLX* proteins are postulated to play a role in forebrain and craniofacial development. Three transcript variants have been described for this gene, however, the full length nature of one variant has not been described. Studies of the two splice variants revealed that one encoded isoform functions as a repressor of the beta-globin gene while the other isoform lacks that function.

Synonyms:

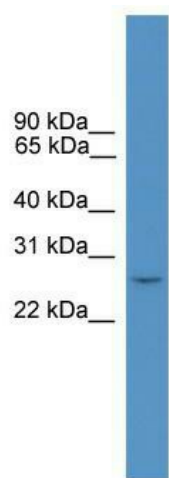
BP1; DLX7; DLX8; DLX9; OFC15

Note:

Immunogen Sequence Homology: Human: 100%; Bovine: 91%; Rat: 82%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-DLX4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: MCF7 cell lysate