Mouse DLX5 Monoclonal Antibody | anti-DLX5 antibody

DLX5 (Homeobox Protein DLX-5) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24782	**Mouse**	**Human, Mouse, Rat**	**ELISA, Western Blot**

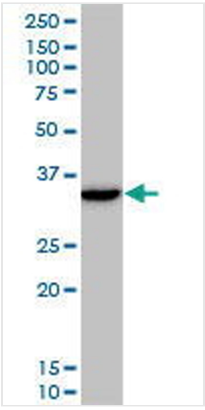
PRODUCT SYNONYMS

DLX5; Monoclonal Antibody; DLX5 (Homeobox Protein DLX-5) (Biotin); anti-DLX5 antibody

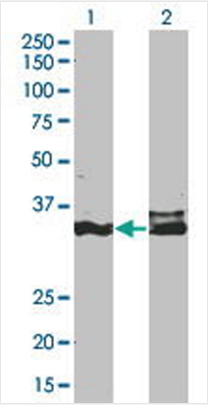
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3B11
Specificity	Recognizes human DLX5. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-DLX5 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa191-279 from human DLX5 (NP_005212) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KIKKIMKNGEMPPEHSPSSSDPMACNSPQSPAVWEPQGSSRSLSHHPHAHPPTSNQSPASSYLENSASWYTSAASSINSHLPPPGSLQH
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

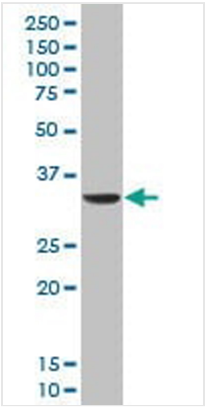
IMAGES



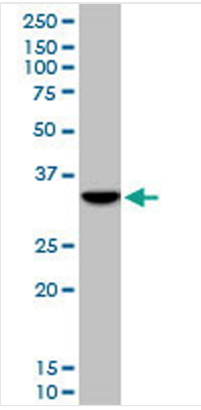
WB (Western Blot)
DLX5 monoclonal antibody. Western Blot analysis of DLX5 expression in NIH/3T3.



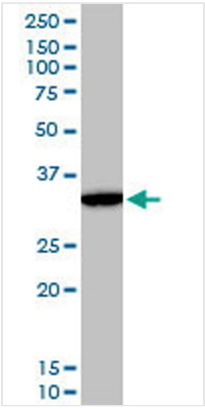
WB (Western Blot)
Western Blot analysis of DLX5 expression in transfected 293T cell line by DLX5 monoclonal antibody (M12). Lane 1: DLX5 transfected lysate (31.5kD). Lane 2: Non-transfected lysate.



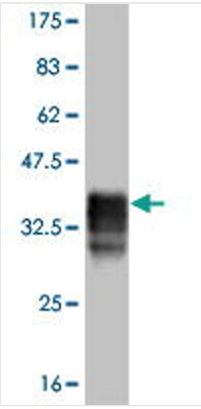
WB (Western Blot)
DLX5 monoclonal antibody, Western Blot analysis of DLX5 expression in A-431.



WB (Western Blot)
DLX5 monoclonal antibody. Western Blot analysis of DLX5 expression in Raw 264.7.



WB (Western Blot)
DLX5 monoclonal antibody. Western Blot analysis of DLX5 expression in PC-12.



WB (Western Blot)
Western Blot detection against Immunogen (35.79kD).

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.

Product Categories/Family for anti-DLX5 antibody	Antibodies; Transcription Factors; Homeobox (HOX)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885187
NCBI GeneID	1749
NCBI Accession #	NP_005212
NCBI GenBank Nucleotide #	NM_005221
UniProt Accession #	P56178
Molecular Weight	32kDa
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://www.aaabiotech.com/monoclonal/dlx5-antibody-clone-3b11-western-blot-elisa/24782