

Rabbit anti-Human DLX5 Polyclonal Antibody | anti-DLX5 antibody

DLX5 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287194	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

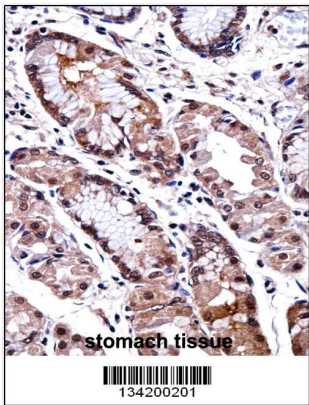
PRODUCT SYNONYMS

DLX5; Polyclonal Antibody; DLX5 Antibody (Center); Homeobox protein DLX-5; anti-DLX5 antibody

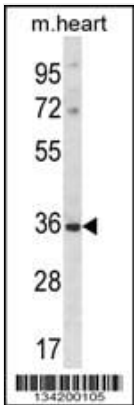
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DLX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-128 amino acids from the Central region of human DLX5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	100-128
Sequence Length	191
Applicable Applications for anti-DLX5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

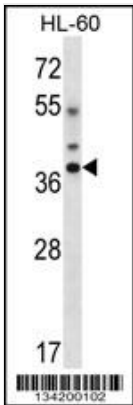
IMAGES



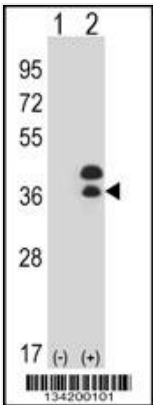
IHC (Immunohistochemistry)
DLX5 Antibody (Center) (AAA287194) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DLX5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
DLX5 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the DLX5 antibody detected the DLX5 protein (arrow).



WB (Western Blot)
DLX5 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the DLX5 antibody detected the DLX5 protein (arrow).



WB (Western Blot)
Western blot analysis of DLX5 (arrow) using rabbit polyclonal DLX5 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DLX5 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-DLX5 antibody	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.
Product Categories/Family for anti-DLX5 antibody	Neuroscience; Signal Transduction
References	Nakashima, N., et al. Brain Dev. 32(2):98-104(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Xu, J., et al. J. Biol. Chem. 284(31):20593-20601(2009) Kato, T., et al. Clin. Cancer Res. 14(8):2363-2370(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885187
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NCBI GeneID	1749
NCBI Accession #	NP_005212.1
NCBI GenBank Nucleotide #	NM_005221.5
UniProt Accession #	P56178; Q9UPL1; B7Z4P3
Molecular Weight	31540
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/dlx5-antibody-immunohistochemistry-western-blot-elisa/287194>