

Rabbit OTX2 Polyclonal Antibody | anti-OTX2 antibody

OTX2 Antibody (C-term)

CATALOG # AAA288825	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

OTX2; Polyclonal Antibody; OTX2 Antibody (C-term); Homeobox protein OTX2; Orthodenticle homolog 2; anti-OTX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OTX2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 201-226 amino acids from the C-terminal region of human OTX2.
Purity/Purification	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 Length	289
Applicable Applications for anti-OTX2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Crown Antibody	Yes
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



WB (Western Blot)

Western blot analysis of lysates from HepG2, Y79 cell line (from left to right), using OTX2 Antibody (C-term). AAA288825 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. brain section using OTX2 Antibody (C-term). AAA288825 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-OTX2 antibody	Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target sequence (BTS): 5'-TCTAC-3'.
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Product Categories/Family for anti-OTX2 antibody	Crown Antibodies ; Developmental Biology ; Neuroscience ; Signal Transduction ; Stem Cells
References	Simeone A.,et al.EMBO J. 12:2735-2747(1993). Perrault I.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases. Fong S.L.,et al.Curr. Eye Res. 18:283-291(1999). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	395455071
NCBI GeneID	5015
NCBI Accession #	NP_001257452.1
NCBI GenBank Nucleotide #	NM_001270523.1
UniProt Accession #	P32243 ; Q6GTV3 ; Q9HAW3 ; Q9P2R1 ; B2RAN5
Molecular Weight	31636
NCBI Official Full Name	homeobox protein OTX2 isoform b
NCBI Official Synonym Full Names	orthodenticle homeobox 2
NCBI Official Symbol	OTX2
NCBI Official Synonym Symbols	CPHD6; MCOPS5
NCBI Protein Information	homeobox protein OTX2
UniProt Protein Name	Homeobox protein OTX2
UniProt Gene Name	OTX2
UniProt Entry Name	OTX2_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/otx2-antibody-western-blot-immunohistochemistry-elisa/288825>