

#### OTX2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20865c

#### Specification

# **OTX2 Antibody (C-term) - Product Information**

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW IHC-P, WB,E <u>P32243</u> <u>O64201</u>, <u>P80206</u> Human Mouse, Rat Rabbit Polyclonal Rabbit IgG **31636** 

## OTX2 Antibody (C-term) - Additional Information

Gene ID 5015

**Other Names** Homeobox protein OTX2, Orthodenticle homolog 2, OTX2

Target/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.

Dilution IHC-P~~1:25 WB~~1:1000 E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OTX2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## **OTX2 Antibody (C-term) - Protein Information**

Name OTX2



**Function** Transcription factor probably involved in the development of the brain and the sense organs. Can bind to the bicoid/BCD target sequence (BTS): 5'-TCTAATCCC-3'.

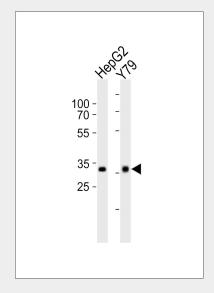
Cellular Location Nucleus.

#### **OTX2 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

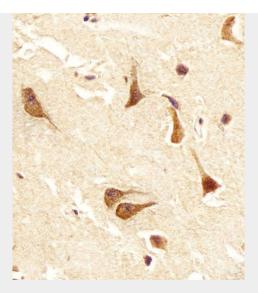
- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# OTX2 Antibody (C-term) - Images



Western blot analysis of lysates from HepG2, Y79 cell line (from left to right), using OTX2 Antibody (C-term)(Cat. #AP20865c). AP20865c 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.





Immunohistochemical analysis of paraffin-embedded H. brain section using OTX2 Antibody (C-term)(Cat#AP20865c). AP20865c was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

## OTX2 Antibody (C-term) - Background

Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target sequence (BTS): 5'-TCTAATCCC-3'.

#### **OTX2 Antibody (C-term) - 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.