

OTX2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20843c

Specification

OTX2 Antibody (Center) - Product Information

Application WB,E
Primary Accession P32243
Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 31636

OTX2 Antibody (Center) - 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 102-135 amino acids from the Central region of human OTX2.

Dilution

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 (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

OTX2 Antibody (Center) - 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'.



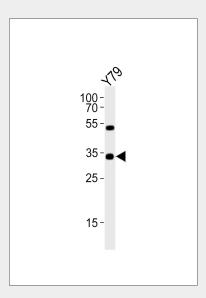
Cellular Location Nucleus.

OTX2 Antibody (Center) - Protocols

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

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

OTX2 Antibody (Center) - Images



Western blot analysis of lysate from Y79 cell line, using OTX2 Antibody (Center)(Cat. #AP20843c). AP20843c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

OTX2 Antibody (Center) - 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 (Center) - 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.