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OTX2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20843c

Product Information

Application	WB, E
Primary Accession	P32243
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50908
Calculated MW	31636

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.

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.

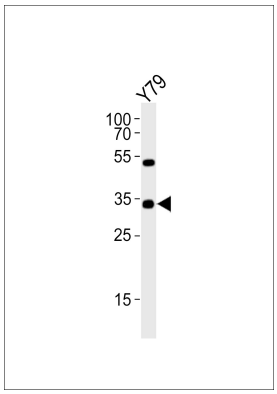
Background

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'.

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.