10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OTX1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16266

Product Information

Application	WB
Primary Accession	P32242
Other Accession	NM_014562, NP_055377
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37327

Additional Information

Gene ID	5013
Alias Symbol	FLJ38361, MGC15736
Other Names	Homeobox protein OTX1, Orthodenticle homolog 1, OTX1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-OTX1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	OTX1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OTX1
Function	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'.
Cellular Location	Nucleus.
Tissue Location	Expressed in brain. Detected in the anterior part of the neural fetal retina (at protein level)

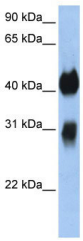
Background

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).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Larsen K.B.,et al.Int. J. Dev. Neurosci. 27:485-492(2009).

Images



WB Suggested Anti-OTX1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Transfected 293T

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