

Datasheet for ABIN562079  
**anti-OTX1 antibody (AA 10-116)**



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## Overview

Quantity:	50 µL
Target:	OTX1
Binding Specificity:	AA 10-116
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This OTX1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant OTX1.
Immunogen:	OTX1 (NP_055377, 10 a.a. ~ 116 a.a) partial recombinant protein with GST tag.
Sequence:	YGMNGLGLAG PAMDLLHPSV GYPATPRKQR RERTTFTRSQ LDVLEALFAK TRYPDIFMRE EVALKINLPE SRVQVWFKNR RAKCRQQQGS GSGTKSRPAK KKSSPVR
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	OTX1
Alternative Name:	<a href="#">OTX1 (OTX1 Products)</a>

## Target Details

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Background: Full Gene Name: orthodenticle homeobox 1  
Synonyms: FLJ38361,MGC15736

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Gene ID: 5013

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NCBI Accession: [NM\\_014562](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: 50 % glycerol

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Handling Advice: Aliquot to avoid repeated freezing and thawing.

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Storage: -20 °C

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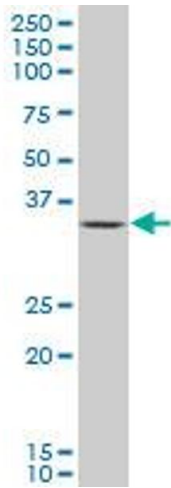
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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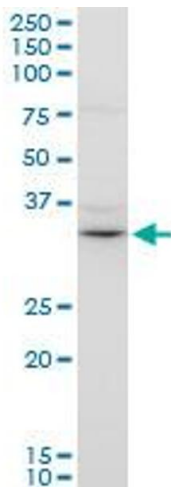
Product cited in: Ideguchi, Palmer, Recht, Weimann: "Murine embryonic stem cell-derived pyramidal neurons integrate into the cerebral cortex and appropriately project axons to subcortical targets." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 30, Issue 3, pp. 894-904, (2010) ([PubMed](#)).

Larsen, Lutterodt, Rath, Møller: "Expression of the homeobox genes PAX6, OTX2, and OTX1 in the early human fetal retina." in: **International journal of developmental neuroscience : the official journal of the International Society for Developmental Neuroscience**, Vol. 27, Issue 5, pp. 485-92, (2009) ([PubMed](#)).



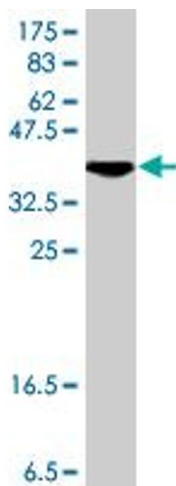
#### Western Blotting

**Image 1.** OTX1 polyclonal antibody (A01), Lot # MAI0060316QCS1 Western Blot analysis of OTX1 expression in Jurkat .



#### Western Blotting

**Image 2.** OTX1 polyclonal antibody (A01), Lot # MAI0060316QCS1. Western Blot analysis of OTX1 expression in Raw 264.7.



#### Western Blotting

**Image 3.** Western Blot detection against Immunogen (37.88 kDa) .