

# Anti-Otx1 Rabbit Monoclonal Antibody

Catalog # ABO13333

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                            |
| <b>Primary Accession</b> | <a href="#">P32242</a>                                                                                        |
| <b>Host</b>              | Rabbit                                                                                                        |
| <b>Isotype</b>           | Rabbit IgG                                                                                                    |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                             |
| <b>Clonality</b>         | Monoclonal                                                                                                    |
| <b>Format</b>            | Liquid                                                                                                        |
| <b>Description</b>       | Anti-Otx1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                  | 5013                                                                                                                                       |
| <b>Other Names</b>              | Homeobox protein OTX1, Orthodenticle homolog 1, OTX1                                                                                       |
| <b>Calculated MW</b>            | 37327                                                                                                                                      |
| <b>Application Details</b>      | WB 1:1000-1:2000                                                                                                                           |
| <b>Subcellular Localization</b> | Nucleus.                                                                                                                                   |
| <b>Tissue Specificity</b>       | Expressed in brain. Detected in the anterior part of the neural fetal retina (at protein level)..                                          |
| <b>Source</b>                   | Eukaryota                                                                                                                                  |
| <b>Contents</b>                 | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>              | Clone: BDH-15                                                                                                                              |
| <b>Immunogen</b>                | A synthesized peptide derived from human Otx1                                                                                              |
| <b>Purification</b>             | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>                  | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| <b>Name</b>     | OTX1                                                                        |
| <b>Function</b> | 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**

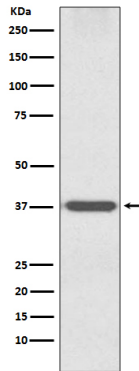
Nucleus.

**Tissue Location**

Expressed in brain. Detected in the anterior part of the neural fetal retina (at protein level)

## Images

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Western blot analysis of Otx1 expression in Mouse brain tissue lysate.

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