

# Anti-OTX2 [R01-2N2] Monoclonal Antibody

## AGMB01555

### Description

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This Anti-OTX2 [R01-2N2] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|-----------------------|-------------------------------------------------------------------------------------|
| <b>SKU:</b>           | AGMB01555                                                                           |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                 |
| <b>Synonyms:</b>      | CPHD6, OTX2, MCOPS 5, Homeobox protein OTX2, Orthodenticle homolog 2                |
| <b>Applications:</b>  |  |
| <b>Research Area:</b> | Neuroscience                                                                        |
| <b>Form:</b>          | Liquid                                                                              |

### Antibody Data

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|----------------------|-----------------------------------------------|
| <b>Reactivity:</b>   | Human                                         |
| <b>Clone:</b>        | R01-2N2                                       |
| <b>Clonality:</b>    | Monoclonal Antibody                           |
| <b>SwissProt ID:</b> | P32243                                        |
| <b>Immunogen:</b>    | A synthesized peptide derived from human Otx2 |
| <b>Gene ID:</b>      | 5015                                          |

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene Name:** OTX2  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Purification:** Affinity Chromatography  
**Conjugated:** Unconjugated  
**Modification:** Unmodified  
**Molecular Weight:** Calculated MW: 32 kDa, Observed MW: 32 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
 Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

| Antibody Dilution Ratio: | Application | Antibody Dilution Ratio |
|--------------------------|-------------|-------------------------|
|                          | WB          | 1:500-1:1000            |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.