

## OTX1/2 recombinant antibody

Recombinant Anti-OTX1/2 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA266311 | Rabbit | Human      | Immunohistochemistry, Western Blot |

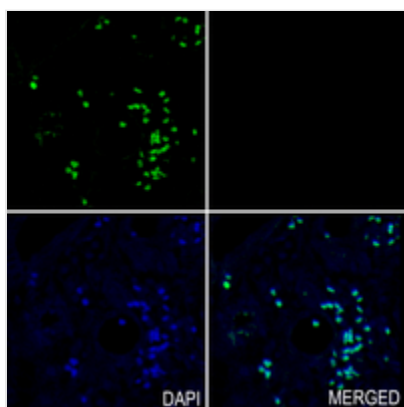
### PRODUCT SYNONYMS

OTX1/2; Monoclonal Recombinant Antibody; Recombinant Anti-OTX1/2 Rabbit mAb; Homeobox protein OTX1; Orthodenticle homolog 1; Homeobox protein OTX2; Orthodenticle homolog 2; OTX1/2 recombinant antibody

### PRODUCT SPECIFICATIONS

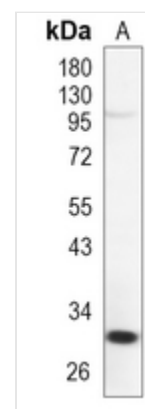
|                                                         |                                                                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                                                    | Rabbit                                                                                                           |
| Reactivity                                              | Human                                                                                                            |
| Clonality                                               | Monoclonal                                                                                                       |
| Specificity                                             | Recognizes endogenous levels of OTX1/2 protein                                                                   |
| Purity/Purification                                     | The antibody was purified by immunogen affinity chromatography.                                                  |
| Form/Format                                             | Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                  |
| Applicable Applications for OTX1/2 recombinant antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                    |
| Immunogen                                               | KLH-conjugated synthetic peptide encompassing a sequence within human OTX1/2. The exact sequence is proprietary. |
| Preparation and Storage                                 | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of OTX1/2 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



#### WB (Western Blot)

Western blot analysis of OTX1/2 expression in HEK293T (A) whole cell lysates. (Predicted band size: 37; 31; 32 kD; Observed band size: 32 kD)

ADDITIONAL INFORMATION

|                                                             |                                                  |
|-------------------------------------------------------------|--------------------------------------------------|
| Related Product Information for OTX1/2 recombinant antibody | Recombinant rabbit monoclonal antibody to OTX1/2 |
| Product Categories/Family for OTX1/2 recombinant antibody   | Primary Antibody                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                          |
|----------------------------------|--------------------------|
| NCBI GI #                        | 315113903                |
| NCBI GeneID                      | 5013                     |
| NCBI Accession #                 | NP_001186699.1           |
| NCBI GenBank Nucleotide #        | NM_001199770.1           |
| UniProt Accession #              | P32242; P32243           |
| Molecular Weight                 | 37kDa                    |
| NCBI Official Full Name          | homeobox protein OTX1    |
| NCBI Official Synonym Full Names | orthodenticle homeobox 1 |
| NCBI Official Symbol             | OTX1                     |
| NCBI Protein Information         | homeobox protein OTX1    |
| UniProt Protein Name             | Homeobox protein OTX1    |
| UniProt Gene Name                | OTX1                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/otx1-2-recombinant-antibody-immunohistochemistry-western-blot-elisa/266311>