

For Research Use Only

# OTX1 Polyclonal antibody

Catalog Number: 26595-1-AP

Featured Product



## Basic Information

### Catalog Number:

26595-1-AP

### Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG24252

### GenBank Accession Number:

BC007621

### GeneID (NCBI):

5013

### UNIPROT ID:

P32242

### Full Name:

orthodenticle homeobox 1

### Calculated MW:

37 kDa

### Observed MW:

37-43 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : COLO 320 cells, HEK-293 cells

## Background Information

OTX1, also named as Orthodenticle homolog 1, is a 354 amino acid protein, which belongs to the paired homeobox family. OTX1 is expressed in brain and detected in the anterior part of the neural fetal retina. OTX1 probably plays a role in the development of the brain and the sense organs.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

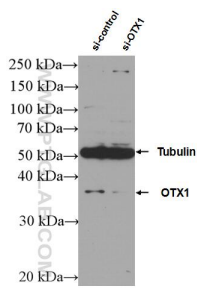
For technical support and original validation data for this product please contact:

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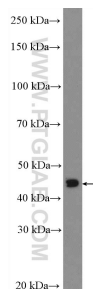
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Selected Validation Data



WB result of OTX1 antibody (26595-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-OTX1 transfected HEK-293 cells.



COLO 320 cells were subjected to SDS PAGE followed by western blot with 26595-1-AP (OTX1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.