

# EYA1 Rabbit Polyclonal Antibody



CAB9534

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

55kDa

### Calculated MW:

60kDa/61kDa/64kDa

### Applications:

WB, IHC

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may play a role in the developing kidney, branchial arches, eye, and ear. Mutations of this gene have been associated with branchiootorenal dysplasia syndrome, branchiootic syndrome, and sporadic cases of congenital cataracts and ocular anterior segment anomalies. A similar protein in mice can act as a transcriptional activator. Alternatively spliced transcript variants have been identified for this gene.

## Immunogen information

### Gene ID:

2138

### Uniprot

Q99502

### Synonyms:

EYA1; BOP; BOR; BOS1; OFC1

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000

IHC 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 100-250 of human EYA1 (NP\_742055.1).

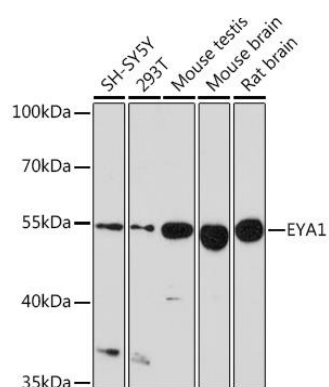
### Storage:

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using EYA1 Rabbit pAb (CAB9534) at 1:1000 dilution.

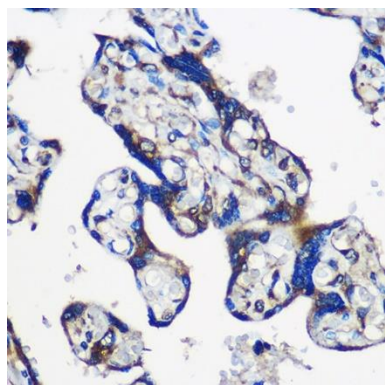
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

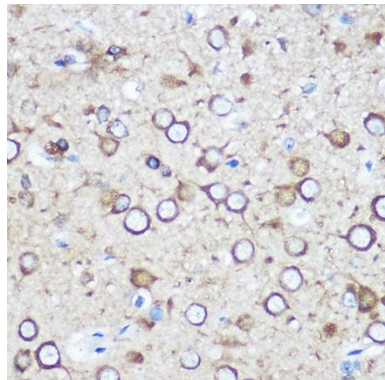
Blocking buffer: 3% non-fat dry milk in TBST.

Detection: ECL Basic Kit (AbGn00020).

Exposure time: 90s.



Immunohistochemistry of paraffin-embedded Human placenta using EYA1 Rabbit pAb (CAB9534) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Rat brain using EYA1 Rabbit pAb (CAB9534) at dilution of 1:100 (40x lens).