

A9534

Leader in Biomolecular Solutions for Life Science



## EYA1 Rabbit pAb

Catalog No.: A9534

### Basic Information

**Observed MW**

55kDa

**Calculated MW**

65kDa

**Category**

Polyclonal Antibody

**Applications**

WB, IHC-P, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

### 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.

### Recommended Dilutions

WB 1:200 - 1:2000

IHC-P 1:50 - 1:200

### Immunogen Information

**Gene ID**

2138

**Swiss Prot**

Q99502

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human EYA1 (NP\_000494.2).

**Synonyms**

BOP; BOR; BOS1; OFC1; EYA1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

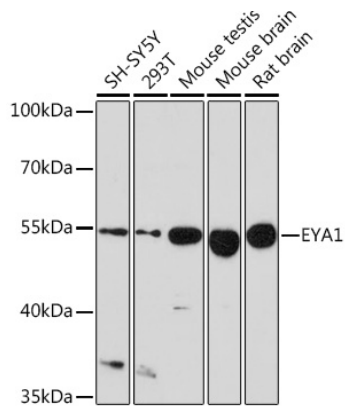
Affinity purification

**Storage**

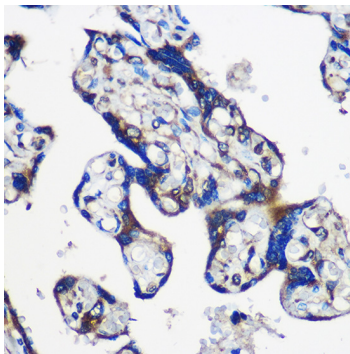
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

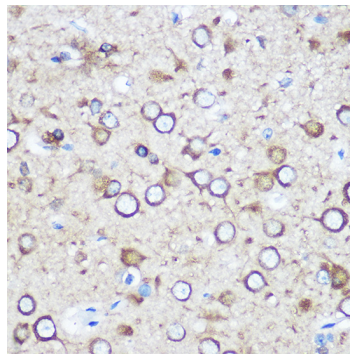
## Validation Data



Western blot analysis of various lysates using EYA1 Rabbit pAb (A9534) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 90s.



Immunohistochemistry analysis of EYA1 in paraffin-embedded Human placenta using EYA1 Rabbit pAb (A9534) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of EYA1 in paraffin-embedded Rat brain using EYA1 Rabbit pAb (A9534) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.