

## Product datasheet for **AP51488PU-N**

### **EYA1 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human EYA1.
Specificity:	This antibody recognizes Mouse EYA1 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	EYA transcriptional coactivator and phosphatase 1
Database Link:	<a href="#">Entrez Gene 14048 Mouse</a> <a href="#">Entrez Gene 2138 Human</a> <a href="#">Q99502</a>



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**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. Four transcript variants encoding three distinct isoforms have been identified for this gene.

**Synonyms:**

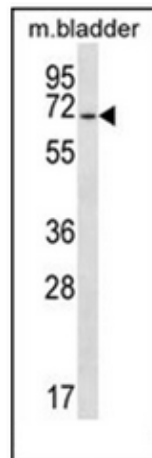
Eyes absent homolog 1

**Note:**

**Molecular Weight:** 64593 Da

**Protein Families:**

Druggable Genome, Phosphatase, Transcription Factors

**Product images:**

Western blot analysis of EYA1 Antibody (N-term) in mouse bladder tissue lysates (35ug/lane). This demonstrates the EYA1 antibody detected the EYA1 protein (arrow).