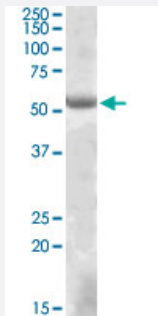


EYA1 polyclonal antibody

Catalog # PAB17841 Size 100 ug

Applications



Western Blot (Cell lysate)

EYA1 polyclonal antibody (Cat # PAB17841) (2 ug/mL) staining of HEK293 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of EYA1.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human EYA1.
Sequence	C-TDPTAEYSTIHSP
Host	Goat
Theoretical MW (kDa)	61.2, 64.6, 60.7
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

EYA1 polyclonal antibody (Cat # PAB17841) (2 ug/mL) staining of HEK293 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — EYA1

Entrez GeneID[2138](#)**Protein Accession#**[NP_742057.1;NP_000494.2;NP_742056.1](#)**Gene Name**

EYA1

Gene Alias

BOP, BOR, MGC141875

Gene Description

eyes absent homolog 1 (Drosophila)

Omim ID[113650 166780 601653](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

Eyes absent, Drosophila, homolog of, 1|Melnick-Fraser syndrome|OTTHUMP00000195053|eyes absent 1

Disease

- [Celiac Disease](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)