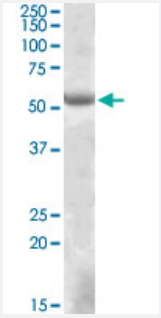
EYA1 polyclonal antibody

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)

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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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- 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.

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 ha ve been associated with branchiootorenal dysplasia syndrome, branchiootic syndrome, and spor adic cases of congenital cataracts and ocular anterior segment anomalies. A similar protein in mi ce 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

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- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease

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