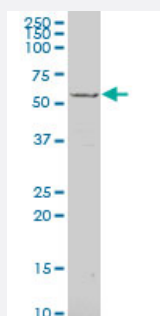


EYA1 polyclonal antibody (A01)

Catalog # H00002138-A01

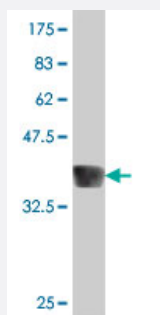
Size 50 uL

Applications



Western Blot (Cell lysate)

EYA1 polyclonal antibody (A01), Lot # 060703JCS1 Western Blot analysis of EYA1 expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (33.92 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant EYA1.
Immunogen	EYA1 (NP_000494, 100 a.a. ~ 170 a.a) partial recombinant protein with GST tag.
Sequence	TPSSQTMAAYGQTQFTTGMQQATAYATYPQPGQPYGISSYGALWAGIKTEGGLSQSQSPGQTGFLSYGTSF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (33.92 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

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

Applications

- Western Blot (Cell lysate)

EYA1 polyclonal antibody (A01), Lot # 060703JCS1 Western Blot analysis of EYA1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EYA1

Entrez GeneID

[2138](#)

GeneBank Accession#

[NM_000503](#)

Protein Accession#

[NP_000494](#)

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

Publication Reference

- [Gene signatures associated with mouse postnatal hindbrain neural stem cells and medulloblastoma cancer stem cells identify novel molecular mediators and predict human medulloblastoma molecular classification.](#)

Corno D, Pala M, Cominelli M, Cipelletti B, Leto K, Croci L, Barili V, Brandalise F, Melzi R, Di Gregorio A, Sergi LS, Politi LS, Piemonti L, Bulfone A, Rossi P, Rossi F, Consalez GG, Poliani PL, Galli R.

Cancer Discovery 2012 Jun; 2(6):554.

Application: WB-Ti, Mouse, NSCs, medulloblastoma CSCs, and medulloblastoma tissues

- [Eyes absent 1 \(Eya1\) is a critical coordinator of epithelial, mesenchymal and vascular morphogenesis in the mammalian lung.](#)

El-Hashash AH, Al Alam D, Turcatel G, Bellusci S, Warburton D.

Developmental Biology 2011 Feb; 350(1):112.

Application: IHC, Mouse, Lung, MLE-15 cells

Disease

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