ARG65117
anti-EYA1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes EYA1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	WB
Specificity	This antibody is expected to recognize all isoforms (NP_742057.1; NP_000494.2; NP_742056.1). Reported variants represent identical protein: NP_000494.2, NP_742055.1
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	EYA1
Species	Human
Immunogen	C-TDPTAEYSTIHSP
Conjugation	Un-conjugated
Alternate Names	BOP; BOR; BOS1; EC 3.1.3.16; OFC1; Eyes absent homolog 1; EC 3.1.3.48

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2138 Human Swiss-port # Q99502 Human
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. [provided by RefSeq, Jul 2008]
Research Area	Developmental Biology antibody; Gene Regulation antibody
Calculated Mw	65 kDa
PTM	Sumoylated with SUMO1.

Images

ARG65117 anti-EYA1 antibody WB image

Western Blot: HEK293 lysate (35 µg protein in RIPA buffer) stained with ARG65117 anti-EYA1 antibody at 2 µg/ml dilution.