



Datasheet for ABIN2779640
anti-EYA1 antibody (Middle Region)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	EYA1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Zebrafish (Danio rerio), Rabbit, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EYA1
Sequence:	QDYPSYPSFG QGQYAQYNS SPYPAHYMTS SNTSPTTPST NATYQLQEPP
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against EYA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EYA1
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Target Details

Alternative Name: [EYA1 \(EYA1 Products\)](#)

Background: EYA1 is a member of the eyes absent (EYA) family of proteins. EYA1 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. 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.

Alias Symbols: BOP, BOR, MGC141875

Protein Interaction Partner: GSK3B, FBXW7, UBC, FZR1, H2AFX, DACH1, SIX2, SIX3, SIX1, GNAI2, GNAZ,

Protein Size: 592

Molecular Weight: 64 kDa

Gene ID: 2138

NCBI Accession: [NM_172060](#), [NP_742057](#)

UniProt: [Q99502](#)

Pathways: [Sensory Perception of Sound](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 557 AA

Restrictions: For Research Use only

Handling

Format: Liquid

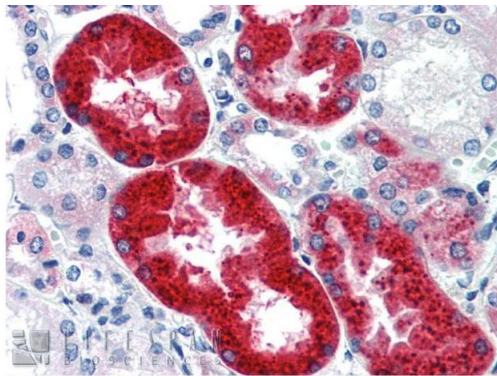
Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

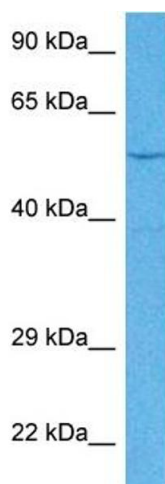
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-EYA1 Antibody
Catalog Number: ARP32434
Lot Number: QC1915
Paraffin Embedded Tissue: Human Kidney
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.



Immunohistochemistry

Image 1. Immunohistochemistry with Human kidney lysate tissue at an antibody concentration of 5.0ug/ml using anti-EYA1 antibody

Western Blotting

Image 2. Host: Rabbit Target Name: EYA1 Sample Tissue: Human MCF7 Whole Cell Antibody Dilution: 1ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: EYA1 Sample Tissue: Human ACHN Whole Cell Antibody Dilution: 1ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2779640.