

## EYA1/EYA4 Polyclonal Antibody

Cat #: ABP58510

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> EYA1/EYA4 Polyclonal Antibody		
	<b>Applications:</b> IHC-P, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse		
<b>REF</b>	<b>Catalog Number:</b> ABP58510	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** EYA1 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 EYA1 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. Alternatively spliced transcript variants have been identified for this gene EYA1 (EYA Transcriptional Coactivator And Phosphatase 1) is a Protein Coding gene. Diseases associated with EYA1 include Otofaciocervical Syndrome and Branchiootic Syndrome 1. Among its related pathways are DNA Double Strand Break Response and DNA Double-Strand Break Repair.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:50-1:200), ELISA (1:10000-1:20000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

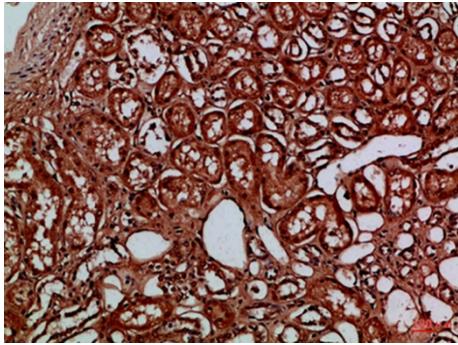


Fig.1. Immunohistochemical analysis of paraffin-embedded Human-kidney, antibody was diluted at 1:100.

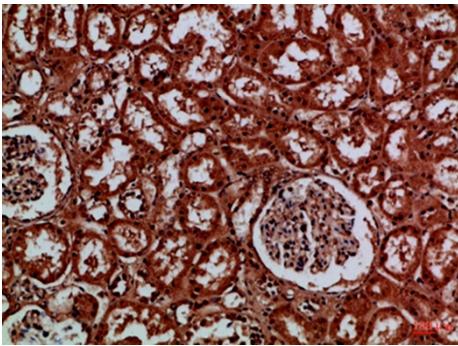


Fig.2. Immunohistochemical analysis of paraffin-embedded Human-kidney, antibody was diluted at 1:100.

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