



## EYA1/EYA4 rabbit pAb

Cat No.:ES8808

For research use only

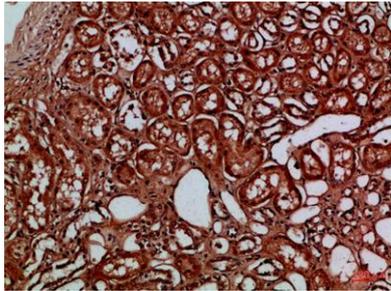
### Overview

<b>Product Name</b>	EYA1/EYA4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 271-320
<b>Specificity</b>	The antibody detects endogenous EYA1/EYA4
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Eyes absent homolog 3/4
<b>Gene Name</b>	EYA3/4
<b>Cellular localization</b>	Cytoplasm . Nucleus . Localizes at sites of DNA damage at double-strand breaks (DSBs). .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2138/2140
<b>Human Swiss-Prot Number</b>	Q99502/O95677
<b>Alternative Names</b>	
<b>Background</b>	EYA transcriptional coactivator and phosphatase 1(EYA1) Homo sapiens 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

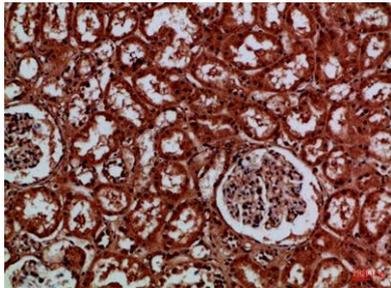


similar protein in mice can act as a transcriptional activator. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Dec 2013],

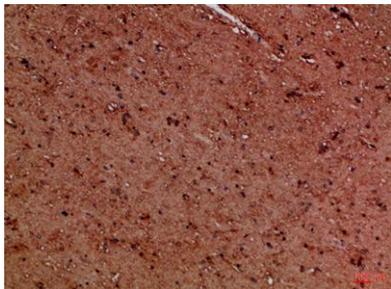
Immunohistochemical analysis of paraffin-embedded Human-kidney, antibody was diluted at 1:100



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



Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100





**ELK Biotechnology**

Immunohistochemical analysis of paraffin-embedded  
Human-brain, antibody was diluted at 1:100

