

Product datasheet for **TA355533**

EYA1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EYA1
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	64kDa
Gene Name:	EYA transcriptional coactivator and phosphatase 1
Database Link:	NP_742057 Entrez Gene 2138 Human Q99502



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Background:

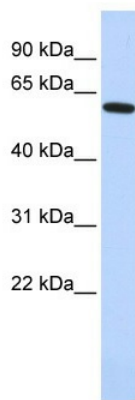
EYA1 is a member of the eyes absent (EYA) family of proteins. EYA1 may play a role in the developing kidney, branchial arches, eye, and ear. Mutations of this gene have been associated with branchiootorenal dysplasia syndrome, branchiootic syndrome, and sporadic cases of congenital cataracts and ocular 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.

Synonyms:

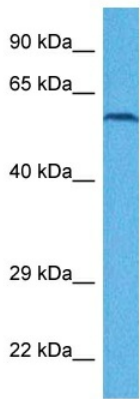
BOP; BOR; MGC141875; OTTHUMP00000195055

Protein Families:

Druggable Genome, Phosphatase, Transcription Factors

Product images:

WB Suggested Anti-EYA1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human brain



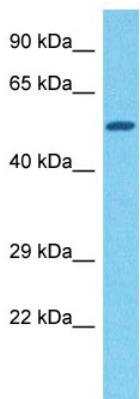
Host: Rabbit
Target Name: EYA1
Sample Type: ACHN Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: EYA1
Sample Tissue: Human ACHN Whole Cell
Antibody Dilution: 1 μ g/ml



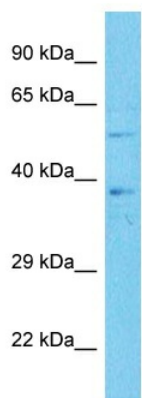
Host: Rabbit
Target Name: EYA1
Sample Type: U937 Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: EYA1
Sample Tissue: Human U937 Whole Cell
Antibody Dilution: 1 μ g/ml



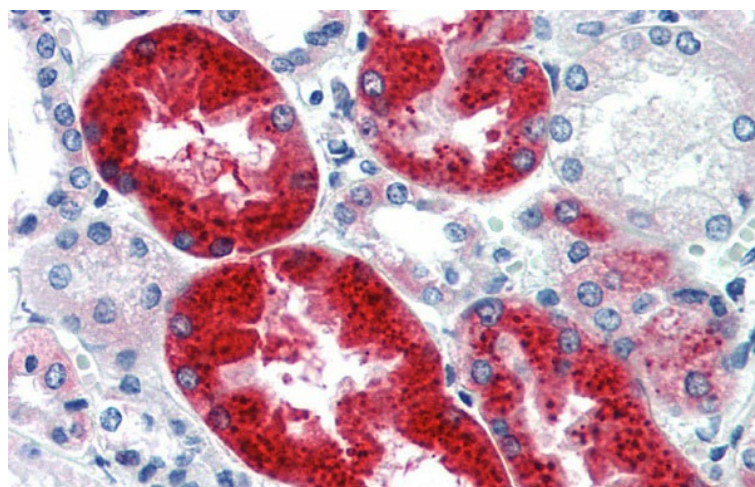
Host: Rabbit
Target Name: EYA1
Sample Type: THP-1 Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: EYA1
Sample Tissue: Human THP-1 Whole Cell
Antibody Dilution: 1 μ g/ml



Host: Rabbit
Target Name: EYA1
Sample Type: 293T Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: EYA1
Sample Tissue: Human 293T Whole Cell
Antibody Dilution: 1 μ g/ml



Immunohistochemistry with Human kidney lysate tissue at an antibody concentration of 5.0 μ g/ml using anti-EYA1 antibody (TA355533)