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## Datasheet for ABIN7152362 anti-EYA2 antibody (AA 1-514) (HRP)

### Overview

Quantity:	100 µg
Target:	EYA2
Binding Specificity:	AA 1-514
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA2 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Eyes absent homolog 2 protein (1-514AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	EYA2
Alternative Name:	EYA2 ( <a href="#">EYA2 Products</a> )
Background:	Background: Functions both as protein phosphatase and as transcriptional coactivator for SIX1, and probably also for SIX2, SIX4 and SIX5. Tyrosine phosphatase that dephosphorylates \Tyr-

## Target Details

142\ of histone H2AX (H2AXY142ph) and promotes efficient DNA repair via the recruitment of DNA repair complexes containing MDC1. \Tyr-142\ phosphorylation of histone H2AX plays a central role in DNA repair and acts as a mark that distinguishes between apoptotic and repair responses to genotoxic stress. Its function as histone phosphatase may contribute to its function in transcription regulation during organogenesis. Plays an important role in hypaxial muscle development together with SIX1 and DACH2, in this it is functionally redundant with EYA1.

Aliases: EAB 1 antibody, EAB1 antibody, EYA 2 antibody, EYA transcriptional coactivator and phosphatase 2 antibody, EYA2 antibody, EYA2\_HUMAN antibody, eyes absent 2 homolog (Drosophila) antibody, Eyes absent homolog 2 (Drosophila) antibody, Eyes absent homolog 2 antibody, Translation of this uORF probably lowers the translation efficiency of EYA2 antibody

UniProt: [O00167](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.