

Datasheet for ABIN7454463
anti-EYA2 antibody (AA 1-50)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EYA2
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA2 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-EYA2 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	EYA2
Alternative Name:	EYA2 (EYA2 Products)
Background:	Background: EYA2 (eyes absent homolog 2) functions as a tyrosine phosphatase that

Target Details

specifically dephosphorylates 'Tyr-142' of histone H2AX. EYA2 promotes efficient DNA repair by dephosphorylating H2AX and promoting the recruitment of DNA repair complexes containing MDC1. EYA2 coactivates SIX1. Together with SIX1 and DACH2 EYA2 seems to be involved in myogenesis. EYA2 may be involved in development of the eye [taken from the Universal Protein Resource (UniProt) 000167].

Gene ID: 2139

NCBI Accession: [NP_005235](#)

UniProt: [000167](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: Not recommended. Use rabbit anti-EYA2 antibody A302-688A.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months