

Rabbit anti-Human EYA3 Polyclonal Antibody | anti-EYA3 antibody

Rabbit anti-EYA3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211968	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

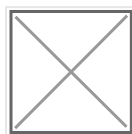
PRODUCT SYNONYMS

EYA3; Polyclonal Antibody; Rabbit anti-EYA3 Antibody; Affinity Purified; eyes absent 3; eyes absent homolog 3; Eyes absent homolog 3; EYA transcriptional coactivator and phosphatase 3; anti-EYA3 antibody

PRODUCT SPECIFICATIONS

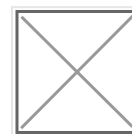
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-EYA3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human EYA3 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-EYA3 antibody AAA211968 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. EYA3 was also immunoprecipitated by rabbit anti-EYA3 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human EYA3 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-EYA3 (Cat. No. AAA211968) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-EYA3 antibody	EYA3 (eyes absent homolog 3) functions as a tyrosine phosphatase that specifically dephosphorylates 'Tyr-142' of histone H2AX (H2AX ^{Y142ph}). EYA3 promotes efficient DNA repair by dephosphorylating H2AX and promoting the recruitment of DNA repair complexes containing MDC1. EYA3 coactivates SIX1. Together with SIX1 and DACH2 EYA3 seems to be involved in myogenesis. EYA3 may be involved in development of the eye [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q99504].
Product Categories/Family for anti-EYA3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	26667243
NCBI GeneID	2140
NCBI Accession #	NP_001981.2
NCBI GenBank Nucleotide #	NM_001990.3
UniProt Accession #	Q99504; O95463; Q8IVX7; Q99813; A8K190; B4DIR7; B4DNZ7
Molecular Weight	57,827 Da
NCBI Official Full Name	eyes absent homolog 3 isoform a
NCBI Official Synonym Full Names	EYA transcriptional coactivator and phosphatase 3
NCBI Official Symbol	EYA3
NCBI Protein Information	eyes absent homolog 3; eyes absent 3
UniProt Protein Name	Eyes absent homolog 3
UniProt Gene Name	EYA3
UniProt Entry Name	EYA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eya3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211968>