Datasheet for ABIN7152366

anti-EYA4 antibody (AA 153-224) (Biotin)

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Overview

Quantity:	100 µg
Target:	EYA4
Binding Specificity:	AA 153-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA4 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Eyes absent homolog 4 protein (153-224AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EYA4
Alternative Name:	EYA4 (EYA4 Products)
Background:	Background: Tyrosine phosphatase that specifically dephosphorylates \'Tyr-142\' of histone H2AX (H2AXY142ph). \'Tyr-142\' phosphorylation of histone H2AX plays a central role in DNA

Target Details

	repair and acts as a mark that distinguishes between apoptotic and repair responses to genotoxic stress. Promotes efficient DNA repair by dephosphorylating H2AX, promoting the recruitment of DNA repair complexes containing MDC1. Its function as histone phosphatase probably explains its role in transcription regulation during organogenesis. May be involved in development of the eye (By similarity). Aliases: CMD1J antibody, Deafness, autosomal dominant 10 antibody, DFNA 10 antibody, DFNA10 antibody, dJ78N10.1 (eyes absent (Drosophila) homolog 4) antibody, dJ78N10.1 (eyes absent) antibody, EYA 4 antibody, eya4 antibody, EYA4_HUMAN antibody, Eyes absent 4 antibody, Eyes absent homolog 4 (Drosophila) antibody, Eyes absent homolog 4 antibody, HGNC:3522 antibody, OTTHUMP00000040267 antibody
UniProt:	O95677
Pathways:	Sensory Perception of Sound

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.