

## EYA4 Polyclonal Antibody

Catalog No: #31726



Package Size: #31726-1 50ul #31726-2 100ul

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## Description

Product Name	EYA4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human
Immunogen Description	A synthetic Peptide of human EYA4
Other Names	EYA4; CMD1J; DFNA10; eyes absent homolog 4
Accession No.	Swiss-Prot#:O95677NCBI Gene ID:2070
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB□1:500 - 1:1000IHC□1:20 - 1:50FC□1:20 - 1:50

## Background

This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may act as a transcriptional activator through its protein phosphatase activity, and it may be important for eye development, and for continued function of the mature organ of Corti. Mutations in this gene are associated with postlingual, progressive, autosomal dominant hearing loss at the deafness, autosomal dominant non-syndromic sensorineural 10 locus. The encoded protein is also a putative oncogene that mediates DNA repair, apoptosis, and innate immunity following DNA damage, cellular damage, and viral attack. Defects in this gene are also associated with dilated cardiomyopathy 1J. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.