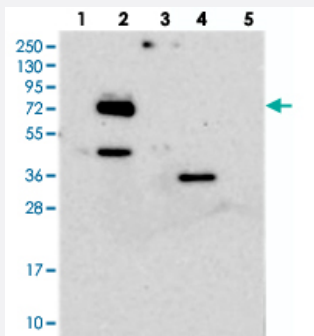


# EYA4 polyclonal antibody

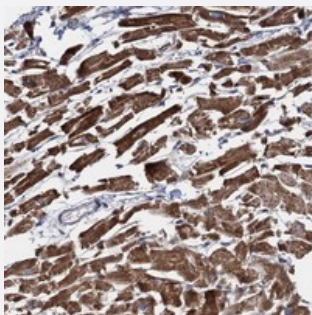
Catalog # PAB23343      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with EYA4 polyclonal antibody (Cat # PAB23343).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human heart muscle with EYA4 polyclonal antibody (Cat # PAB23343) shows distinct cytoplasmic positivity in myocytes.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant EYA4.
Immunogen	Recombinant protein corresponding to amino acids of human EYA4.
Sequence	TGGENMTVLNTADWLLSCNTPSSATMSLLAVKTEPLNSSETTATTGDGALDFTGSGVITSSGYSP RSA
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with EYA4 polyclonal antibody (Cat # PAB23343).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human heart muscle with EYA4 polyclonal antibody (Cat # PAB23343) shows distinct cytoplasmic positivity in myocytes.

## Gene Info — EYA4

Entrez GeneID	<a href="#">2070</a>
Protein Accession#	<a href="#">O95677</a>
Gene Name	EYA4
Gene Alias	CMD1J, DFNA10
Gene Description	eyes absent homolog 4 (Drosophila)
Omim ID	<a href="#">601316</a> <a href="#">603550</a> <a href="#">605362</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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 nonsyndromic sensorineural 10 locus. Defects in this gene are also associated with dilated cardiomyopathy 1J. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000017235|OTTHUMP00000040267|dJ78N10.1 (eyes absent|eyes absent 4

**Disease**

- [Tobacco Use Disorder](#)