



Datasheet for ABIN653278  
**anti-EYA4 antibody (C-Term)**



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3 Images

Overview

Quantity:	400 µL
Target:	EYA4
Binding Specificity:	AA 1-30, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This EYA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the C-terminal region of human EYA4.
Clone:	RB23878
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EYA4
Alternative Name:	EYA4 ( <a href="#">EYA4 Products</a> )

## Target Details

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Background:	EYA4 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.
Molecular Weight:	69505
Gene ID:	2070
NCBI Accession:	<a href="#">NP_004091</a> , <a href="#">NP_742101</a> , <a href="#">NP_742103</a>
UniProt:	<a href="#">O95677</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## Application Details

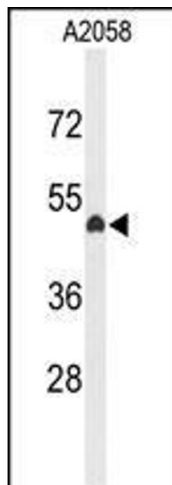
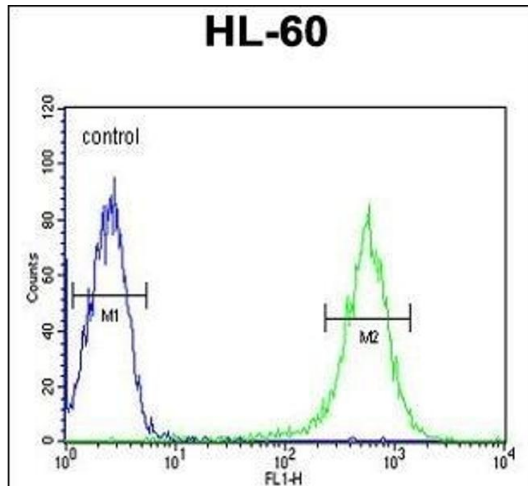
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Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** EYA4 Antibody (C-term) (ABIN653278 and ABIN2842794) flow cytometry analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of EYA4 Antibody (C-term) (ABIN653278 and ABIN2842794) in cell line lysates (35  $\mu$ g/lane). EYA4 (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human skeletal muscle reacted with EYA4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.