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Datasheet for ABIN571076

anti-EYA1 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	EYA1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This EYA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EYA1
Immunogen:	Peptide with sequence C-TDPTAEYSTIHSP, from the internal region of the protein sequence according to NP_742057.1, NP_000494.2, NP_742056.1.
Sequence:	TDPTAEYSTI HSP
Isotype:	IgG
Specificity:	This antibody is expected to recognize all isoforms (NP_742057.1, NP_000494.2, NP_742056.1). Reported variants represent identical protein: NP_000494.2, NP_742055.1
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: EYA1

Alternative Name: EYA1 ([EYA1 Products](#))

Background: EYA1, eyes absent homolog 1 (Drosophila), BOP, BOR, MGC141875, Eyes absent, Drosophila, homolog of, 1, Melnick-Fraser syndrome, OTTHUMP00000195053, eyes absent 1

Gene ID: 2138, 14048, 502935

NCBI Accession: [NP_742057](#), [NP_000494](#), [NP_742056](#)

Pathways: [Sensory Perception of Sound](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Western Blot: Approx 55 kDa band observed in lysates of cell line HEK293 (calculated MW of 60.7 kDa according to NP_742056.1). Recommended concentration: 1-3 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

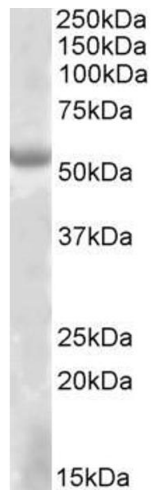
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571076 (2 μ g/ml) staining of HEK293 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.