

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09731 - Goat Anti-EYA1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EYA1, eyes absent homolog 1 (Drosophila), BOP, BOR, MGC141875,

Eyes absent, Drosophila, homolog of, 1, Melnick-Fraser syndrome,

OTTHUMP00000195053, eyes absent 1

Official Symbol: EYA1

Accession Number(s): NP_742057.1; NP_000494.2; NP_742056.1

Human GeneID(s): 2138

Non-Human GenelD(s): 14048 (mouse), 502935 (rat)

Important Comments: 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

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.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 55kDa band observed in lysates of cell line HEK293 (calculated MW of 60.7kDa according to NP_742056.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09731 (2μg/ml) staining of HEK293 lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.