

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

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EB12176 - Goat Anti-Cone-rod homeobox (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CRX, cone-rod homeobox, CORD2, CRD, LCA7, OTX3, cone-rod

homeobox protein, orthodenticle homeobox 3

Official Symbol: CRX

Accession Number(s): NP_000545.1

Human GenelD(s): 1406

Non-Human GenelD(s): 12951 (mouse), 60446 (rat)

Immunogen

Peptide with sequence C-DPLDYKDQSAWK, from the internal region (near C Terminus) of the protein sequence according to NP_000545.1.

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 1:128000.

Western blot: Approx 30kDa band observed in Rat Retina lysates (calculated MW of 32.3kDa according to Human NP_000545.1 and to Rat NP_068627.1). Recommended

concentration: 1-3 μ g/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Retina. Recommended concentration: 5µg/ml.

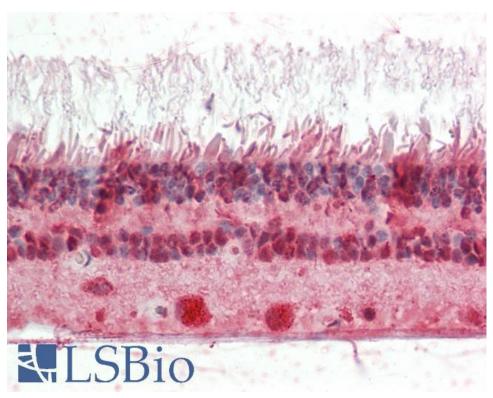
Species Reactivity

Tested: Human, Rat

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

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

EB12176 (1μg/ml) staining of Rat Retina lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12176 (5μg/ml) staining of paraffin embedded Human Retina. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.