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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 GeneID(s): 1406 Non-Human GeneID(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.

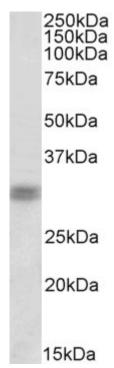
Applications Tested

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: 1-3μg/ml. Primary incubation was 1 hour. **IHC:** Paraffin embedded Human Retina. Recommended concentration: 5μg/ml.

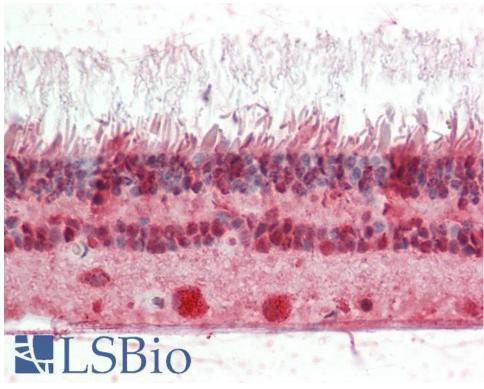
Species Reactivity

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





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.