

CRX Antibody

Rabbit mAb

Catalog # AP92091

Product Information

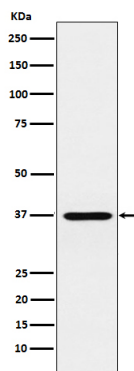
Application	WB, IHC
Primary Accession	O43186
Reactivity	Human
Clonality	Monoclonal
Other Names	Cone rod homeobox; CORD 2; CRD; CRX; LCA7; OTX3;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	32261

Additional Information

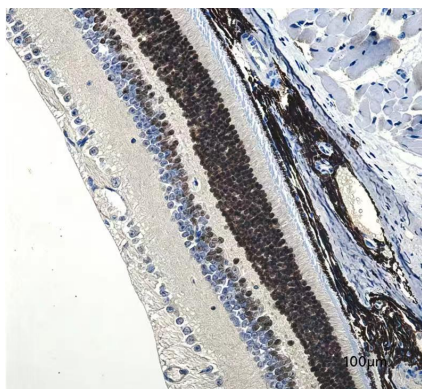
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CRX
Description	Binds and transactivates the sequence 5'-TAATC[CA]-3' which is found upstream of several photoreceptor-specific genes, including the opsin genes. Acts synergistically with other transcription factors, e.g. NRL and RX, to regulate photoreceptor cell-specific gene transcription. Essential for the maintenance of mammalian photoreceptors.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CRX
Synonyms	CORD2
Function	Transcription factor that binds and transactivates the sequence 5'-TAATC[CA]-3' which is found upstream of several photoreceptor-specific genes, including the opsin genes. Acts synergistically with other transcription factors, such as NRL, RORB and RAX, to regulate photoreceptor cell-specific gene transcription. Essential for the maintenance of mammalian photoreceptors.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00108}.
Tissue Location	Retina.



Western blot analysis of CRX expression in Y79 cell lysate.



Immunohistochemistry of Paraffin-embedded Mouse eye tissue sections using the antibody CRX Rabbit mAb at a dilution of 1/50. Heat-induced epitope retrieval was performed using Tris-EDTA buffer (pH 9.0).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.