

Anti-CRX Monoclonal Antibody

Catalog # ABO14776

Product Information

Application	WB, IHC
Primary Accession	O43186
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-CRX Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

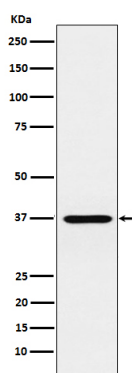
Gene ID	1406
Other Names	Cone-rod homeobox protein, CRX, CORD2
Calculated MW	32261
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: AFIO-3 A synthesized peptide derived from human CRX 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.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CRX
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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.

Images



Western blot analysis of CRX expression in Y79 cell lysate.

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