

Anti-CRX Monoclonal Antibody

Catalog # ABO14776

Specification

Anti-CRX Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	<u>043186</u>
Host	Rabbit
lsotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	
Anti-CRX Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.	

Anti-CRX Monoclonal Antibody - Additional Information

Gene ID 1406

Other Names Cone-rod homeobox protein, CRX, CORD2

Application Details WB 1:500-1:2000
IHC 1:50-1:200

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.

Immunogen

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.

Anti-CRX Monoclonal Antibody - 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.

Anti-CRX Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-CRX Monoclonal Antibody - Images



Western blot analysis of CRX expression in Y79 cell lysate.