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CRX Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20611c

Product Information

Application	WB, E
Primary Accession	O43186
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49208
Calculated MW	32261

Additional Information

Gene ID	1406
Other Names	Cone-rod homeobox protein, CRX, CORD2
Target/Specificity	This CRX antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 294-297 amino acids from the C-terminal region of human CRX.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CRX Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

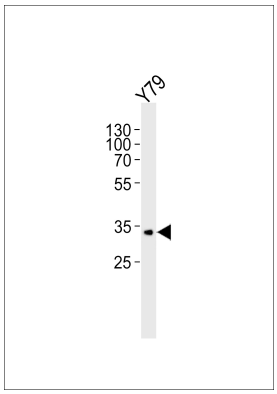
Background

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.

References

Freund C.L.,et al.Cell 91:543-553(1997).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Grimwood J.,et al.Nature 428:529-535(2004).
Roni V.,et al.BMC Genomics 8:42-42(2007).
Kimura A.,et al.J. Biol. Chem. 275:1152-1160(2000).

Images



Western blot analysis of lysate from Y79 cell line, using CRX Antibody (C-term)(Cat. #AP20611c). AP20611c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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