

CRX Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20611c

Specification

CRX Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O43186
Other Accession	O54751 , O9XSK0
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32261

CRX Antibody (C-term) - 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

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.

CRX Antibody (C-term) - 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

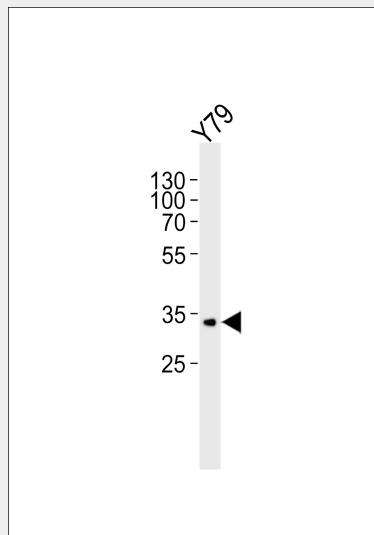
Retina.

CRX Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CRX Antibody (C-term) - 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.

CRX Antibody (C-term) - 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.

CRX Antibody (C-term) - 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).