

CRX rabbit monoclonal antibody

Catalog # H00001406-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CRX peptide using ARM Technology.
Immunogen	A synthetic peptide of human CRX is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CRX peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CRX

Entrez GeneID	1406
GeneBank Accession#	CRX
Gene Name	CRX
Gene Alias	CORD2, CRD, LCA7, OTX3
Gene Description	cone-rod homeobox
Omim ID	120970 268000 602225
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a photoreceptor-specific transcription factor which plays a role in the differentiation of photoreceptor cells. This homeodomain protein is necessary for the maintenance of normal cone and rod function. Mutations in this gene are associated with photoreceptor degeneration, Leber congenital amaurosis type III and the autosomal dominant cone-rod dystrophy 2. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq]
Other Designations	cone-rod homeobox protein orthodenticle homeobox 3

Disease

- [Blindness](#)
- [Optic Atrophy](#)
- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)