

DNAxPAb

Hard-to-Find  
Antibody

# CRYZ DNAxPab

Catalog # H00001429-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CRYZ DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MATGQKLMRAVRVFEFGGPEVLKLRSDIAVPIPKDHQVLIKVHACGVNPVETYIRSGTYSRKPLLP YTPGSDVAGVIEAVGDNASAFKKGDRVFTSSTISGGYAEYALAADHTVYKLPEKLDKQGAAGIPY FTAYRALIHSACVKAGESVLVHGASGGVGLAACQIARAYGLKILGTAGTEEGQKVLQNGAHEVFN HREVNIDKIKKYVGEKGIDIIIEMLANVNLSKDLSSLHGGRVIVGSRGTIEINPRDTMAKESSIIGVT LFSSTKEEFQQYAAALQAGMEIGWLKPVIGSQYPLEKVAEAEHENIIHGSGATGKMILL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — CRYZ

Entrez GeneID	<a href="#">1429</a>
GeneBank Accession#	<a href="#">NM_001889.2</a>
Protein Accession#	<a href="#">NP_001880.2</a>
Gene Name	CRYZ
Gene Alias	DKFZp779E0834, FLJ41475
Gene Description	crystallin, zeta (quinone reductase)
Omim ID	<a href="#">123691</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Crystallins are separated into two classes: taxon-specific, or enzyme, and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. The former class is also called phylogenetically-restricted crystallins. This gene encodes a taxon-specific crystallin protein which has NADPH-dependent quinone reductase activity distinct from other known quinone reductases. It lacks alcohol dehydrogenase activity although by similarity it is considered a member of the zinc-containing alcohol dehydrogenase family. Unlike other mammalian species, in humans, lens expression is low. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One pseudogene is known to exist. [provided by RefSeq]</p>
Other Designations	NADPH:quinone reductase OTTHUMP00000011194 crystallin, zeta quinone oxidoreductase

## Disease

- [Parkinson disease](#)