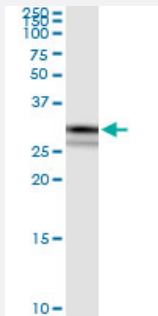


# CRYZ (Human) IP-WB Antibody Pair

Catalog # H00001429-PW1

Size 1 Set

## Applications



Immunoprecipitation of CRYZ transfected lysate using rabbit polyclonal anti-CRYZ and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-CRYZ.

## Specification

|                                      |                                                                                                                                                                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                                    |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                           |
| <b>Interspecies Antigen Sequence</b> | Mouse (80%); Rat (80%)                                                                                                                                                                                                                          |
| <b>Quality Control Testing</b>       | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of CRYZ transfected lysate using rabbit polyclonal anti-CRYZ and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-CRYZ. |
| <b>Supplied Product</b>              | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-CRYZ (300 ul)<br>2. Antibody pair for WB: mouse purified polyclonal anti-CRYZ (50 ug)                                                                             |
| <b>Storage Instruction</b>           | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                              |

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — CRYZ

**Entrez GeneID** [1429](#)

**Gene Name** CRYZ

**Gene Alias** DKFZp779E0834, FLJ41475

**Gene Description** crystallin, zeta (quinone reductase)

**Omim ID** [123691](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** NADPH:quinone reductase|OTTHUMP00000011194|crystallin, zeta|quinone oxidoreductase

## Disease

- [Parkinson disease](#)