

# RHO (Human) Cell-Based ELISA Kit

Catalog # KA3478

Size 1 Kit

## Specification

Product Description	RHO (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of RHO expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — RHO

Entrez GeneID	<a href="#">6010</a>
Gene Name	RHO
Gene Alias	CSNBAD1, MGC138309, MGC138311, OPN2, RP4
Gene Description	rhodopsin
Omim ID	<a href="#">180380</a>

## Gene Ontology

[Hyperlink](#)

## Gene Summary

Retinitis pigmentosa is an inherited progressive disease which is a major cause of blindness in western communities. It can be inherited as an autosomal dominant, autosomal recessive, or X-linked recessive disorder. In the autosomal dominant form, which comprises about 25% of total cases, approximately 30% of families have mutations in the gene encoding the rod photoreceptor-specific protein rhodopsin. This is the transmembrane protein which, when photoexcited, initiates the visual transduction cascade. Defects in this gene are also one of the causes of congenital stationary night blindness. [provided by RefSeq]

## Other Designations

opsin 2, rod pigment|retinitis pigmentosa 4, autosomal dominant|rhodopsin (opsin 2, rod pigment) (retinitis pigmentosa 4, autosomal dominant)

## Disease

- [Genetic Diseases](#)
- [Retinal Degeneration](#)
- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)
- [Vision Disorders](#)