

DNAxPAb

Hard-to-Find  
Antibody

## OPN1LW DNAxPab

Catalog # H00005956-W01P

Size 200 ug

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a partial-length human OPN1LW DNA using DNAx™ Immune technology.
<b>Technology</b>	<a href="#">DNAx™ Immune</a>
<b>Immunogen</b>	Extracellular membrane domain (ECD) human DNA
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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 — OPN1LW

Entrez GeneID	<a href="#">5956</a>
GeneBank Accession#	<a href="#">BC156643.1</a>
Protein Accession#	<a href="#">AAI56644.1</a>
Gene Name	OPN1LW
Gene Alias	CBBM, CBP, RCP
Gene Description	opsin 1 (cone pigments), long-wave-sensitive
Omim ID	<a href="#">303700</a> <a href="#">303900</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes for a light absorbing visual pigment of the opsin gene family. The encoded protein is called red cone photopigment or long-wavelength sensitive opsin. Opsins are G-protein coupled receptors with seven transmembrane domains, an N-terminal extracellular domain, and a C-terminal cytoplasmic domain. This gene and the medium-wavelength opsin gene are tandemly arrayed on the X chromosome and frequent unequal recombination and gene conversion may occur between these sequences. X chromosomes may have fusions of the medium- and long-wavelength opsin genes or may have more than one copy of these genes. Defects in this gene are the cause of partial, protanopic colorblindness. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000032193 red cone photoreceptor pigment red-sensitive opsin

## Disease

- [Genetic Predisposition to Disease](#)
- [Retinal Diseases](#)
- [Sarcoidosis](#)