

DNAxPAb

Hard-to-Find  
Antibody

# OPN1SW DNAxPAb

Catalog # H00000611-W01P

Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a partial-length human OPN1SW 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 — OPN1SW

Entrez GeneID	<a href="#">611</a>
GeneBank Accession#	<a href="#">BC156719.1</a>
Protein Accession#	<a href="#">AAI56720.1</a>
Gene Name	OPN1SW
Gene Alias	BCP, BOP, CBT
Gene Description	opsin 1 (cone pigments), short-wave-sensitive
Omim ID	<a href="#">190900</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene belongs to the G-protein coupled receptor 1 family, opsin subfamily. It encodes the blue cone pigment gene which is one of three types of cone photoreceptors responsible for normal color vision. Defects in this gene are the cause of tritan color blindness (tritanopia). Affected individuals lack blue and yellow sensory mechanisms while retaining those for red and green. Defective blue vision is characteristic. [provided by RefSeq]</p>
Other Designations	blue cone photoreceptor pigment blue-sensitive opsin

## Disease

- [Retinal Diseases](#)