



# Rabbit Anti-Zebrafish UV opsin Polyclonal Antibody (CABT-Z477R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody reacts with zebrafish blue opsin, epitope - amino acids 1-27.
<b>Immunogen</b>	E coli pGEMEX fusion protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Zebrafish
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Epitope</b>	Amino acids 1-27
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Whole serum
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C long term. Avoid freeze / thaw cycle.
<b>Ship</b>	Dry ice

## BACKGROUND

**Introduction**

Opsins are a group of proteins made light-sensitive via the chromophore retinal (or a variant) found in photoreceptor cells of the retina. Five classical groups of opsins are involved in vision, mediating the conversion of a photon of light into an electrochemical signal, the first step in the visual transduction cascade. Another opsin found in the mammalian retina, melanopsin, is involved in circadian rhythms and pupillary reflex but not in vision.

**Keywords**

Opsin; blue opsin; UV opsin