



Rabbit Anti-Zebrafish Blue Opsin Polyclonal Antibody (CABT-Z478R)

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

PRODUCT INFORMATION

Product Overview	This antibody reacts with zebrafish blue opsin, epitope - amino acids 1-41.
Immunogen	E coli pGEMEX fusion protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Zebrafish
Purification	Unpurified
Conjugate	Unconjugated
Applications	IHC
Epitope	Amino acids 1-41
Format	Liquid
Size	100 µl
Buffer	Whole serum
Preservative	None
Storage	Store at -80°C long term. Avoid freeze / thaw cycle.
Ship	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