

## VSX1 Conjugated Antibody

Catalog No: #C43597



Package Size: #C43597-AF350 100ul #C43597-AF405 100ul #C43597-AF488 100ul  
 #C43597-AF555 100ul #C43597-AF594 100ul #C43597-AF647 100ul  
 #C43597-AF680 100ul #C43597-AF750 100ul #C43597-Biotin 100ul

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## Description

Product Name	VSX1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VSX1 protein.
Immunogen Description	Fusion protein of human VSX1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PPD;KTCN;PPCD;RINX;KTCN1;PPCD1;CAASDS
Accession No.	Swiss-Prot#:Q9NZR4NCBI Gene ID:30813NCBI Protein#:BC126228
Uniprot	Q9NZR4
GeneID	30813;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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The protein encoded by this gene contains a paired-like homeodomain and binds to the core of the locus control region of the red/green visual pigment gene cluster. The encoded protein may regulate expression of the cone opsin genes early in development. Mutations in this gene can cause posterior polymorphous corneal dystrophy and keratoconus. Alternatively spliced transcript variants encoding different isoforms have been described.

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Note: This product is for in vitro research use only