

## Product datasheet for **TA343741**

### VSX1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-VSX1 antibody: synthetic peptide directed towards the N terminal of human VSX1. Synthetic peptide located within the following region: MTGRDSLSDGRTSSRALVPGGSPRGRPRGFAITDLLGLEAELPAPAGP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	visual system homeobox 1
Database Link:	<a href="#">NP_955457</a> <a href="#">Entrez Gene 30813 Human</a> <a href="#">Q9NZR4</a>



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**Background:**

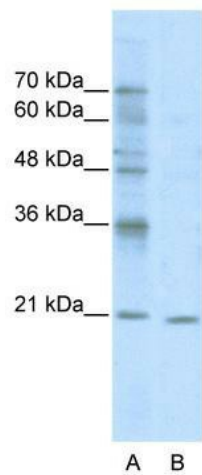
VSX1 contains a paired-like homeodomain and binds to the core of the locus control region of the red/green visual pigment gene cluster. VSX1 may regulate expression of the cone opsin genes early in development. Mutations in this gene can cause posterior polymorphous corneal dystrophy (PPCD) and keratoconus. 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 (PPCD) and keratoconus. Two transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

CAASDS; KTCN; KTCN1; PPCD; PPCD1; PPD; RINX

**Note:**

Immunogen Sequence Homology: Human: 100%; Bovine: 79%

**Product images:**

WB Suggested Anti-VSX1 Antibody Titration: 5.0 ug/ml; ELISA Titer: 1: 12500; Positive Control: Jurkat cell lysate