

Datasheet for ABIN2780933
anti-VSX1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	VSX1
Binding Specificity:	N-Term
Reactivity:	Human, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VSX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human VSX1
Sequence:	MTGRDLSLDG RTSSRALVPG GSPRGSRPRG FAITDLLGLE AELPAPAGPG
Predicted Reactivity:	Cow: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against VSX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	VSX1
Alternative Name:	VSX1 (VSX1 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: PPD, KTCN, PPCD, RINX, KTCN1, CAASDS</p> <p>Protein Size: 239</p>
-------------	--

Molecular Weight:	25 kDa
-------------------	--------

Gene ID:	30813
----------	-------

NCBI Accession:	NM_199425 , NP_955457
-----------------	---

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
--------------------	--

Comment:	Antigen size: 239 AA
----------	----------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	Lot specific
----------------	--------------

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
---------	---

Preservative:	Sodium azide
---------------	--------------

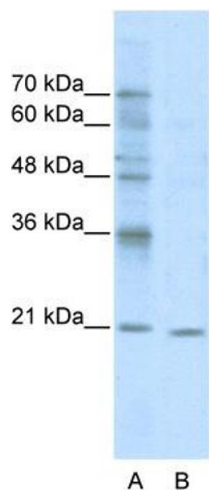
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

Handling Advice:	Avoid repeated freeze-thaw cycles.
------------------	------------------------------------

Storage:	-20 °C
----------	--------

Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
------------------	---

aliquots to prevent freeze-thaw cycles.



Western Blotting

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