

Datasheet for ABIN2790281

**anti-Variable Charge, Y-Linked (VCY) (N-Term) antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	Variable Charge, Y-Linked (VCY)
Binding Specificity:	N-Term
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human VCY
Sequence:	PPAKAKETGK RKSSSQSPSPS GPKKKTTKVA EKGEAVRGGR RGKKGAATKM
Predicted Reactivity:	Horse: 93%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against VCY. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Variable Charge, Y-Linked (VCY)
Alternative Name:	VCY ( <a href="#">VCY Products</a> )
Background:	The protein encoded by this gene is a member of a family of human VCX/Y genes. This gene

## Target Details

family has multiple members on both X and Y chromosomes, and all are expressed exclusively in male germ cells. Members of the VCX/Y family share a high degree of sequence identity, with the exception that a 30-bp unit is tandemly repeated in X-linked members but occurs only once in Y-linked members. VCX/Y genes encode small and highly charged proteins of unknown function. This gene encodes a small, positively charged protein. The presence of a putative bipartite nuclear localization signal suggests that this gene encodes a nuclear protein. The genome has two identical copies of this gene within a palindromic region, this record represents the more centromeric copy.

Alias Symbols: BPY1, MGC119817, VCY1, VCY1A, VCY1B

Protein Size: 125

Molecular Weight: 13 kDa

Gene ID: 9084

NCBI Accession: [NM\\_004679](#), [NP\\_004670](#)

UniProt: [O14598](#)

## Application Details

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

Comment: Antigen size: 125 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.

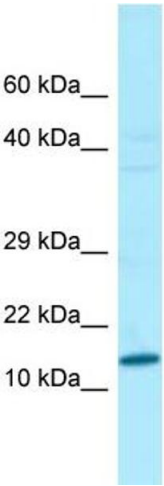
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

## Handling

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.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-VCY Antibody Titration: 1.0 ug/ml Positive Control: Hela Whole Cell