

Datasheet for ABIN7043276

**anti-HVCN1 antibody (Intracellular, N-Term)**[Go to Product page](#)**2** Images

## Overview

Quantity:	25 µL
Target:	HVCN1
Binding Specificity:	AA 32-44, Intracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HVCN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)GDDYHTWNVNYKK, corresponding to amino acid residues 32-44 of mouse HVCN1
Isotype:	IgG
Characteristics:	Anti-HVCN1 Antibody is directed against an intracellular epitope of mouse HVCN1 channel. Anti-HVCN1 Antibody (ABIN7043276, ABIN7044501 and ABIN7044502)) can be used in western blot and indirect flow cytometry applications. It has been designed to recognize HVCN1 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

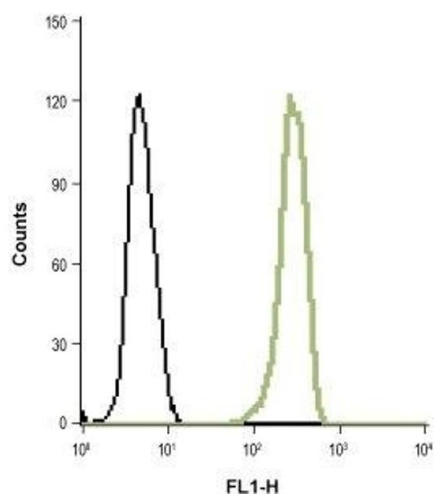
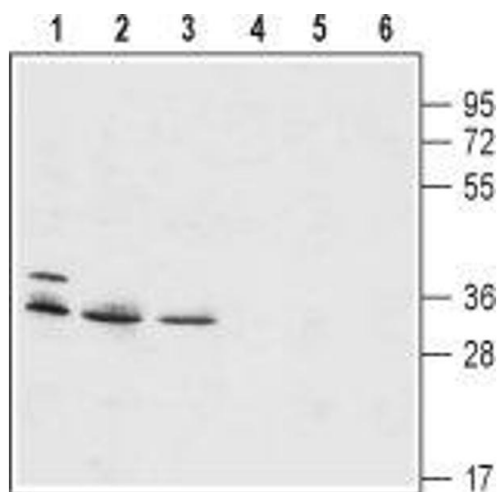
Target:	HVCN1
Alternative Name:	HVCN1 ( <a href="#">HVCN1 Products</a> )
Background:	Alternative names: HVCN1, Hydrogen voltage-gated channel 1, HV1, Voltage sensor domain-only protein, VSOP
Gene ID:	74096
NCBI Accession:	<a href="#">NM_032369</a>
UniProt:	<a href="#">Q3U2S8</a>
Pathways:	<a href="#">Proton Transport</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



### Western Blotting

**Image 1.** Western blot analysis of mouse WEHI B-cell lymphoma (lanes 1 and 4), human HL-60 promyelocytic leukemia (lanes 2 and 5) and human THP-1 acute monocytic leukemia (lanes 3 and 6) cell lysates: - 1-3. Anti-HVCN1 Antibody (ABIN7043276, ABIN7044501 and ABIN7044502), (1:200). 4-6. Anti-HVCN1 Antibody, preincubated with HVCN1 Blocking Peptide (#BLP-HC001).

### Flow Cytometry

**Image 2.** Indirect flow cytometry analysis of fixed and permeabilized HL-60 (human promyelocytic leukemia cells) cell line: (black line) Unstained cells + goat-anti-rabbit-FITC. (green line) Cells + Anti-HVCN1 Antibody (ABIN7043276, ABIN7044501 and ABIN7044502), (1:25) + goat-anti-rabbit-FITC.