Datasheet for ABIN7640428

# anti-HVCN1 antibody

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | HVCN1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HVCN1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

| | |
|---|---|
| Purpose: | Polyclonal Antibody to Hydrogen Voltage Gated Channel Protein 1 (HVCN1) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against HVCN1. It has been selected for its ability to recognize HVCN1 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

## Target Details

| | |
|---|---|
| Target: | HVCN1 |
| Alternative Name: | HVCN1 (HVCN1 Products) |
| Background: | Hv1, VSOP, Voltage Sensor Domain-Only Protein, Hydrogen voltage-gated channel 1 |

## Target Details

| | |
|---|---|
| UniProt: | Q96D96 |
| Pathways: | Proton Transport |

## Application Details

| | |
|---|---|
| Application Notes: | Western blotting: 0.2-2 µg/mL,1:250-2500 Immunohistochemistry: 5-20 µg/mL,1:25-100 Immunocytochemistry: 5-20 µg/mL,1:25-100 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 500 µg/mL |
| Buffer: | PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300. |
| Preservative: | Dithiothreitol (DTT), ProClin, Sodium azide |
| Precaution of Use: | This product contains ProClin and Dithiothreitol (DTT) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |