
HVCN1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254331

Unit: 0.1 mg

Description:

HVCN1 (hydrogen voltage-gated channel 1), a voltage gated proton channel protein that is highly expressed in immune tissues, mediates the proton conductances required by phagocytic leukocytes for the oxidative burst that underlies microbial killing. HVCN1 moderates the voltage-dependent proton permeability of excitable membranes by allowing the flow of protons in accordance to their electrochemical gradient. HVCN1 is sensitive to zinc ions, and can be inhibited by them. HVCN1 may represent a new therapeutic target for B cell malignancies on continued signaling via the B cell antigen receptor.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: HVCN1; Hydrogen voltage-gated channel 1; HV1; VSOP; Voltage sensor domain-only protein

Accession No.: NP_115745

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human HVCN1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.