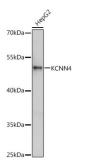


## Potassium Intermediate/Small Conductance Calcium-Activated Channel, Subfamily N, Member 4 (KCNN4) Antibody

Catalogue No.:abx001608



Western blot analysis of lysates from HepG2 cells, using KCNN4 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.

KCNN4 Antibody is a Rabbit Polyclonal antibody against KCNN4. The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.

Target: Potassium Intermediate/Small Conductance Calcium-Activated Channel, Subfamily N, Member 4

(KCNN4)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the

end user.

Conjugation: Unconjugated

**Immunogen:** Recombinant protein corresponding to KCNN4. The exact sequence is proprietary.

**Isotype:** IgG

Form: Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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## **Datasheet**

Version: 5.0.0 Revision date: 17 Oct 2025



UniProt Primary AC: O15554 (UniProt, ExPASy)

Gene Symbol: KCNN4

GeneID: <u>3783</u>

NCBI Accession: NP\_002241.1

KEGG: hsa:3783

String: <u>9606.ENSP00000262888</u>

Molecular Weight: Calculated MW: 48 kDa

Observed MW: 53 kDa

**Buffer:** PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.

**Concentration:** > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.

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