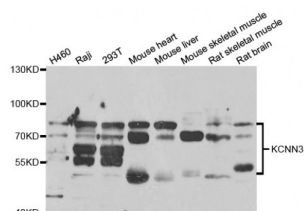


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Potassium Intermediate/Small Conductance Calcium-Activated Channel, Subfamily N, Member 3 (KCNN3) Antibody

Catalogue No.: abx004688



Western blot analysis of extracts of various cell lines, using KCNN3 antibody (abx004688) at 1/1000 dilution.

KCNN3 Antibody is a Rabbit Polyclonal antibody against KCNN3. Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. This gene belongs to the KCNN family of potassium channels. It encodes an integral membrane protein that forms a voltage-independent calcium-activated channel, which is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. This gene contains two CAG repeat regions in the coding sequence. It was thought that expansion of one or both of these repeats could lead to an increased susceptibility to schizophrenia or bipolar disorder, but studies indicate that this is probably not the case. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Target:	KCNN3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen:	Recombinant protein of human KCNN3.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated

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

Molecular Weight: Calculated MW: 47 kDa/48 kDa/82 kDa
Observed MW: 50-85 kDa

Swiss Prot: [Q9UGI6](#)

GeneID: [3782](#)

Gene Symbol: KCNN3

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.