

Anti-KCNE2 Antibody

Catalog Number: A02914-2

About KCNE2

Potassium voltage-gated channel subfamily E regulatory subunit 2 (KCNE2, also known as LQT5, LQT6, ATFB4, and MIRP1) functions as a regulatory subunit of the voltage-gated potassium (Kv) channel complex composed of pore-forming and potassium-conducting alpha subunits and of regulatory beta subunits (PMID: 10219239; 11034315; 11101505; 12185453; 20533308). KCNE2 beta subunit modulates the gating kinetics and enhances the stability of the channel complex (PMID: 10219239; 11034315; 11101505; 12185453; 20533308). It is expressed in various parts of the heart, with higher levels observed in the ventricles and Purkinje tissues compared to the atria (PMID: 39272981). KCNE2 has three forms, such as the core (15 kDa), singly glycosylated (20 kDa), and doubly glycosylated (25 kDa) forms (PMID: 15066947).

Overview

Product Name	Anti-KCNE2 Antibody
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-KCNE2 Antibody catalog # A02914-2. Tested in WB, ELISA applications. This antibody reacts with Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9Y6J6

Technical Details

Immunogen	E.coli-derived human KCNE2 recombinant protein (Position: T3-K120).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

ELISA, 1:100-1000

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Anti-KCNE2 Antibody

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