

**Anti-Human/Mouse/Rat RRAD Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA10240**

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3th Edition

**Description:**The protein may be important in cardiac antiarrhythmia via the strong suppression of voltage-gated L-type Ca<sup>2+</sup> currents. As regulator of voltage-dependent L-type calcium channel subunit alpha-1C trafficking to the cell membrane. Inhibits cardiac hypertrophy through the calmodulin-dependent kinase II (CaMKII) pathway and phosphorylation and activation of CAMK2D. Mostly expressed in the heart and muscle of type II diabetic humans. Also found in the skeletal muscle, lung and adipose tissue. Lesser amounts in placenta and kidney.

**Antigen:**Synthetic peptide of human RRAD

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Most abundantly expressed in the heart. Also found in the skeletal muscle and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.