

**Anti-Human/Mouse/Rat AKAP10 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03085**

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3th Edition

**Description:** This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins bind to the regulatory subunits of protein kinase A (PKA) and confine the holoenzyme to discrete locations within the cell. The encoded protein is localized to mitochondria and interacts with both the type I and type II regulatory subunits of PKA. Polymorphisms in this gene may be associated with increased risk of arrhythmias and sudden cardiac death. AKAP10 (A-Kinase Anchoring Protein 10) is a Protein Coding gene. Diseases associated with AKAP10 include Cardiac Conduction Defect and Sudden Cardiac Death. Among its related pathways are Activation of cAMP-Dependent PKA and Factors involved in megakaryocyte development and platelet production.

**Antigen:** Synthesized peptide derived from the N-terminal region of human AKAP 10

**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:**