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**Adenylate Kinase 1 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250457

**Unit:** 0.1 mg

**Description:**

Adenylate kinases 1-5 (AK 1-5) are a set of enzymes that regulate intracellular adenine nucleotide levels. AK influences metabolic signals and promotes intracellular phosphoryl transfer by catalyzing phosphate group exchange between adenine nucleotides. Inherited mutations lead to AK deficiencies in erythrocytes are implicated in hemolytic anemia.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Adenylate kinase isoenzyme 1; AK 1; ATP-AMP transphosphorylase 1; Myokinase; AK1

**Accession No.:** P00568

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AK1.

**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.