

## 兔抗 AK1 多克隆抗体

中文名称：兔抗 AK1 多克隆抗体

英文名称： Anti-AK1 rabbit polyclonal antibody

储 存： 冷冻（-20℃）

抗 原： AK1

宿 主： Rabbit

相关类别： 一抗

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

**Background:**

Adenylate kinase is an enzyme involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate group among adinine nucleotides. Three isozymes of adenylate kinase have been identified in vertebrates, adenylate isozyme 1 (AK1), 2 (AK2) and 3 (AK3). AK1 is found in the cytosol of skeletal muscle, brain and erythrocytes, whereas AK2 and AK3 are found in the mitochondria of other tissues including liver and heart. AK1 was identified because of its association with a rare genetic disorder causing nonspherocytic hemolytic anemia where a mutation in the AK1 gene was found to reduce the catalytic activity of the enzyme.

<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	AK1
<b>Immunogen:</b>	Fusion protein of human AK1
<b>Full name:</b>	adenylate kinase 1
<b>Synonyms :</b>	HTL-S-58j
<b>SwissProt:</b>	P00568
<b>ELISA Recommended dilution:</b>	2000-5000
<b>IHC positive control:</b>	Human thyroid cancer and human breast cancer
<b>IHC Recommend dilution:</b>	25-100
<b>WB Predicted band size:</b>	22 kDa
<b>WB Positive control:</b>	HT-29 cells
<b>WB Recommended dilution:</b>	500-1000



