

## CAB2383

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### Product Information

<b>Product SKU:</b>	CAB2383	<b>Gene ID:</b>	205	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC2572	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Rat

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### Additional Information

<b>Observed MW:</b>	27kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	25kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated. A pseudogene for this gene has been located on chromosome 17. Three transcript variants encoding the same protein have been identified for this gene. Sequence alignment suggests that the gene defined by NM\_013410, NM\_203464, and NM\_001005353 is located on chromosome 1.

**Recommended Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** AK3; AK 4; AK3L1; AK3L2; Adenylate kinase 4

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Adenylate kinase 4 (P27144).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.