

## Datasheet

### AK2 MaxPab mouse polyclonal antibody (B01)

**Catalog Number:** H00000204-B01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human AK2 protein.

**Immunogen:** AK2 (NP\_001616.1, 1 a.a. ~ 239 a.a) full-length human protein.

**Sequence:**

MAPSVPAAEPEYPKGIRAVLLGPPGAGKGTQAPRLAE  
NFCVCHLATGDMLRAMVASGSELGKKLKATMDAGKL  
VSDMVELIEKNLETPCKNGFLLDGFPRTVRQAEML  
DDLMEKRKEKLDSEIPIPSLLIRITGRLIHPKSGRS  
YHEEFNPPKEPMKDDITGEPLIRSDNEKALKIRLQA  
YHTQTTPLIEYYRKRGIHSAIDASQTPDVVFASILAAFS  
KATCKDLVMFI

**Host:** Mouse

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 204

**Gene Symbol:** AK2

**Gene Alias:** ADK2

**Gene Summary:** Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been

identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]