

Product datasheet for **AP15104PU-N**

AK3L1 (AK4) (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|------------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1/1,000. Western blotting: 1/100 - 1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human AK3. |
| Specificity: | This antibody reacts to AK3. |
| Formulation: | PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig |
| Concentration: | lot specific |
| Purification: | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | adenylate kinase 4 |
| Database Link: | Entrez Gene 205 Human P27144 |



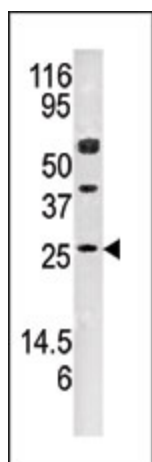
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Background:

AK3 is a member of the adenylate kinase family of enzymes. This 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.

Synonyms:

AK3L1, AK3, Adenylate kinase 3-like

Product images:

Western blot analysis of anti-AK3 Pab in mouse kidney tissue lysate (35ug/lane). AK3 (arrow) was detected using the purified Pab (1:50dilution).