

Product datasheet for **AP20432PU-S**

MVK Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Western blot: 1/500-1/1000. Immunohistochemistry on paraffin sections 1/50-1/200. Immunofluorescence: 1/50-1/200. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Specificity: | This antibody detects endogenous levels of MVK protein. (region surrounding asn175) |
| Formulation: | Phosphate buffered saline (PBS), pH 7.2 State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide |
| Concentration: | 1.0 mg/ml |
| Purification: | Affinity-chromatography using epitope-specific immunogen; purity is > 95% (by SDS-PAGE) |
| Conjugation: | Unconjugated |
| Storage: | Store 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. |
| Predicted Protein Size: | ~ 42 kDa |
| Gene Name: | mevalonate kinase |
| Database Link: | Entrez Gene 4598 Human Q03426 |
| Background: | Mevalonate kinase (MVK) is an early enzyme in isoprenoid and sterol synthesis. Mevalonate kinase catalyzes the ATP-dependent phosphorylation of mevalonic acid to form mevalonate 5-phosphate. Deficiency in MVK activity contributes to mevalonic aciduria and hyperimmunoglobulinemia D/periodic fever syndrome (HIDS). |



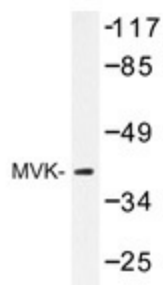
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Synonyms: MVK, MK

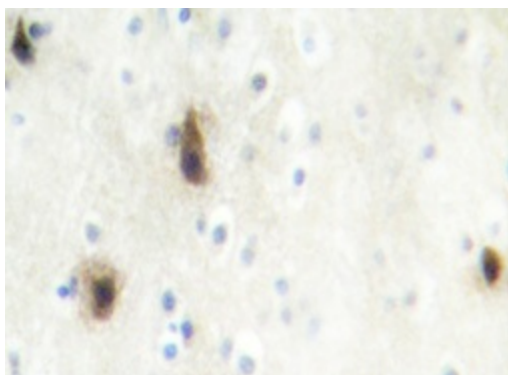
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Terpenoid backbone biosynthesis

Product images:



Western blot analysis of MVK antibody (Cat.-No.: [AP20432PU-N]) in extracts from COS-7 cell.



Immunohistochemistry analyzes of MVK antibody (Cat.-No.: [AP20432PU-N]) in paraffin-embedded human brain tissue.