

**AP15180PU-N****Polyclonal Antibody to Major Vault Protein (N-term) - Purified**

<b>Alternate names:</b>	LRP, Lung-Resistance Related Protein, MVP
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	MVK encodes the peroxisomal enzyme mevalonate kinase. Mevalonate is a key intermediate, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kinase deficiency caused by mutation of MVK results in mevalonic aciduria.
<b>Uniprot ID:</b>	<a href="#">Q14764</a>
<b>NCBI:</b>	<a href="#">NP_005106</a>
<b>GeneID:</b>	<a href="#">9961</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human MVK.
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Purification:</b> Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to MVP. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
<b>General Readings:</b>	1. Stojanov, S., et al., Arthritis Rheum. 50(6):1951-1958 (2004). 2. Nair, A.K., et al., J. Biol. Chem. 279(15):14937-14944 (2004). 3. Simon, A., et al., Neurology 62(6):994-997 (2004). 4. Houten, S.M., et al., J. Biol. Chem. 278(8):5736-5743 (2003). 5. Houten, S.M., et al., Eur. J. Hum. Genet. 11(2):196-200 (2003).

## Pictures:

Western blot analysis of anti-MVP Pab in mouse kidney tissue lysate (35ug/lane). MVP (arrow) was detected using the purified Pab (1:60 dilution).

