

# MVP rabbit pAb

Cat No.:ES11827

For research use only

## Overview

|                          |  |
|--------------------------|--|
| Product Name             | MVP rabbit pAb   |
| Host species             | Rabbit   |
| Applications             | WB;ELISA   |
| Species Cross-Reactivity | Human;Mouse;Rat  |
| Recommended dilutions    | WB 1:500-2000 ELISA 1:5000-20000   |
| Immunogen                | Synthesized peptide derived from part region of human protein  |
| Specificity              | MVP Polyclonal Antibody detects endogenous levels of protein.  |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage                  | Store at -20°C . Avoid repeated freeze-thaw cycles.  |
| Protein Name             | Major vault protein (MVP) (Lung resistance-related protein)  |
| Gene Name                | MVP LRP  |
| Cellular localization    | Cytoplasm . Nucleus, nuclear pore complex . Cytoplasm, perinuclear region . 5% found in the nuclear pore complex (PubMed:15133037). Translocates from the nucleus to the cytoplasm upon EGF treatment (PubMed:16441665). |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Clonality                | Polyclonal   |
| Concentration            | 1 mg/ml  |
| Observed band            | 98kD   |
| Human Gene ID            | 9961   |
| Human Swiss-Prot Number  | Q14764   |
| Alternative Names        |  |
| Background               | This gene encodes the major component of the vault complex. Vaults are multi-subunit ribonucleoprotein structures that may be involved in nucleo-cytoplasmic transport. The encoded protein                              |





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may play a role in multiple cellular processes by regulating the MAP kinase, JAK/STAT and phosphoinositide 3-kinase/Akt signaling pathways. The encoded protein also plays a role in multidrug resistance, and expression of this gene may be a prognostic marker for several types of cancer. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012],



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