

MVP / VAULT1 Antibody (aa878-893)
Rabbit Polyclonal Antibody
Catalog # ALS11581

Specification

MVP / VAULT1 Antibody (aa878-893) - Product Information

Application	IHC
Primary Accession	Q14764
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99kDa KDa

MVP / VAULT1 Antibody (aa878-893) - Additional Information

Gene ID 9961

Other Names

Major vault protein, MVP, Lung resistance-related protein, MVP, LRP

Target/Specificity

Amino acids 878-893 of human MVP

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

MVP / VAULT1 Antibody (aa878-893) is for research use only and not for use in diagnostic or therapeutic procedures.

MVP / VAULT1 Antibody (aa878-893) - Protein Information

Name MVP

Synonyms LRP

Function

Required for normal vault structure. Vaults are multi-subunit structures that may act as scaffolds for proteins involved in signal transduction. Vaults may also play a role in nucleo-cytoplasmic transport. Down-regulates IFNG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.

Cellular Location

Cytoplasm. Nucleus, nuclear pore complex. Cytoplasm, perinuclear region. Note=5% found in the nuclear pore complex (PubMed:15133037). Translocates from the nucleus to the cytoplasm upon EGF treatment (PubMed:16441665)

Tissue Location

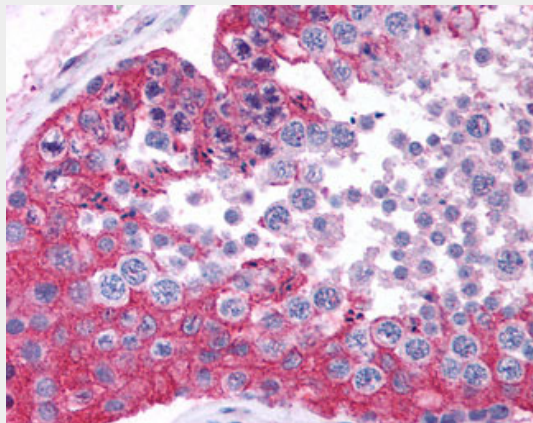
Present in most normal tissues. Higher expression observed in epithelial cells with secretory and excretory functions, as well as in cells chronically exposed to xenobiotics, such as bronchial cells and cells lining the intestine. Overexpressed in many multidrug-resistant cancer cells

MVP / VAULT1 Antibody (aa878-893) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MVP / VAULT1 Antibody (aa878-893) - Images



Anti-MVP antibody IHC of human testis.

MVP / VAULT1 Antibody (aa878-893) - Background

Required for normal vault structure. Vaults are multi-subunit structures that may act as scaffolds for proteins involved in signal transduction. Vaults may also play a role in nucleocytoplasmic transport. Down-regulates INFG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.

MVP / VAULT1 Antibody (aa878-893) - References

- Scheffer G.L., et al. *Nat. Med.* 1:578-582(1995).
Scheffer G.L., et al. Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Lange C., et al. *Biochem. Biophys. Res. Commun.* 278:125-133(2000).
Holzmann K., et al. *FEBS Lett.* 494:99-104(2001).
Quadroni M., et al. Submitted (JAN-2005) to UniProtKB.