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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58642_P050-Biotin
Product Page	www.avivasysbio.com/mvp-antibody-n-terminal-region-biotin-arp58642-p050-biotin.html
Name	MVP Antibody - N-terminal region : Biotin (ARP58642_P050-Biotin)
Protein Size (# AA)	893 amino acids
Molecular Weight	98kDa
Conjugation	Biotin
NCBI Gene Id	9961
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Major vault protein
Alias Symbols	LRP, VAULT1
Peptide Sequence	Synthetic peptide located within the following region: MATEEFIIIRIPPYHYIHVLDQNSNVS RVVEVGP KTYIROQDNERVLFAPMRM
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	de (2008) Cytometry B Clin Cytom 74 (3), 163-168
Description of Target	MVP is 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. MVP down-regulates INFG-mediated STAT1 signaling and subsequent activation of JAK. MVP down-regulates SRC activity and signaling through MAP kinases. This gene encodes the major vault protein which is a lung resistance-related protein. Vaults are multi-subunit structures that may be involved in nucleo-cytoplasmic transport. This protein mediates drug resistance, perhaps via a transport process. It is widely distributed in normal tissues, and overexpressed in multidrug-resistant cancer cells. The protein overexpression is a potentially useful marker of clinical drug resistance. This gene produces two transcripts by using two alternative exon 2 sequences; however, the open reading frames are the same in both transcripts.
Protein Interactions	MVP; SKIL; TRIM27; REL; PLSCR1; MEOX2; MEOX1; MDFI; KPNA3; GOLGA2; DLX2; CAMK2B; AES; TRIP6; TRAF2; TP53; TFCP2; TCF4; SUMO2; NOTCH2NL; CCDC36; TRIM42; FAM154A; PIH1D2; RAB31P; RIMBP3; C1orf94; RHOXF2; ZMIZ2; OBFC1; RFWD2; MKL1; VAC14; BANP; FAM46C; KCTD9
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MVP (ARP58642_P050-Biotin) antibody
Blocking Peptide	For anti-MVP (ARP58642_P050-Biotin) antibody is Catalog# AAP58642 (Previous Catalog# AAPP35779)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MVP
Uniprot ID	Q14764
Protein Name	Major vault protein
Protein Accession #	NP_005106
Purification	Affinity Purified
Nucleotide Accession #	NM_005115
Gene Symbol	MVP
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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