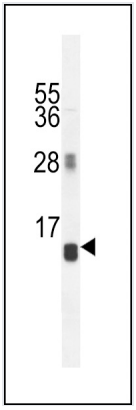
AVPI1 Antibody – Rabbit Polyclonal

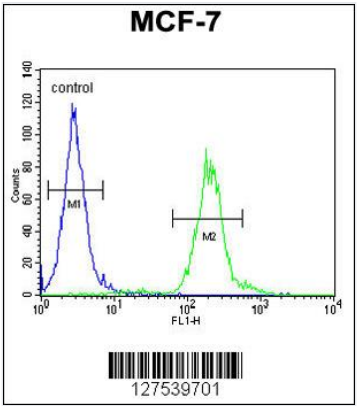
PRODUCT OVERVIEW

Product Name	AVPI1, Polyclonal Antibody
Full Product Name	AVPI1 Antibody (N-term)
Product Gene Name	anti-AVPI1 antibody
Product Synonym Names	Arginine vasopressin-induced protein 1; AVP-induced protein 1; AVPI1
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human (Predicted Reactivity: Bovine)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This AVPI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-83 amino acids from the N-terminal region of human AVPI1.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	AVPI1 peptide (MBS9217643) is used for blocking the activity of AVPI1 antibody (MBS9213045)
Molecular Weight	16773
Immunogen Sequence Positions	56-83
3D Structure	ModBase 3D Structure for Q5T686
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Product Categories/Family for anti-AVPI1 antibody	Cell Biology
Applications Tested/Suitable for anti-AVPI1 antibody	Western Blot (WB), ELISA (EIA), Flow Cytometry (FC/FACS)
Application Notes for anti-AVPI1 antibody	WB~~1:1000
Related Product Information for anti-AVPI1 antibody	May be involved in MAP kinase activation, epithelial sodium channel (ENaC) down-regulation and cell cycling (By similarity).
Product References and Citations for anti-AVPI1 antibody	Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004) Deloukas, P., et al. Nature 429(6990):375-381(2004) Nicod, M., et al. EMBO J. 21(19):5109-5117(2002)
Other Notes	Small volumes of anti-AVPI1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for AVPI1 purchase	MBS9213045 is an antibody targeting AVPI1. Also known as AVPI1 Antibody (N-term). Reactive in Human (Predicted Reactivity: Bovine). Host: Rabbit.



Western Blot (WB) of anti-AVPI1 antibody
AVPI1 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the AVPI1 antibody detected the AVPI1 protein (arrow).



Flow Cytometry (FC/FACS) of anti-AVPI1 antibody
AVPI1 Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AVPI1. It may not necessarily be applicable to this product.

NCBI GI #	190194408
NCBI GeneID	60370
NCBI Accession #	NP_068378.2
UniProt Primary Accession #	Q5T686
UniProt Secondary Accession #	Q53G32; Q9H2R9; Q9HBN9
UniProt Related Accession #	Q5T686
GenBank Nucleotide #	NM_021732.2
NCBI Official Full Name	arginine vasopressin-induced protein 1
NCBI Official Synonym Full Names	arginine vasopressin-induced 1
NCBI Official Symbol	AVPI1
NCBI Official Synonym Symbols	VIP32; VIT32; PP5395
UniProt Protein Name	Arginine vasopressin-induced protein 1
Protein Family	Arginine vasopressin-induced protein
UniProt Gene Name	AVPI1
UniProt Synonym Gene Names	AVP-induced protein 1
UniProt Entry Name	AVPI1_HUMAN
NCBI Protein Information	arginine vasopressin-induced protein 1
UniProt Comments for AVPI1	AVPI1: May be involved in MAP kinase activation, epithelial sodium channel (ENaC) down-regulation and cell cycling. Chromosomal Location of Human Ortholog: 10q24.2 Biological Process: activation of MAPK activity; cell cycle
Research Articles on AVPI1	**1.** Observational study of gene-disease association. (HuGE Navigator)

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