AVPR2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AVPR2, Polyclonal Antibody
Full Product Name	AVPR2 Antibody, Biotin conjugated
Product Gene Name	anti-AVPR2 antibody
Product Synonym Names	Vasopressin V2 receptor; V2R; AVPR V2; Antidiuretic hormone receptor; Renal-type arginine vasopressin receptor; AVPR2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Pig
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	40,537 Da
3D Structure	ModBase 3D Structure for P32307
Immunogen	Recombinant Pig Vasopressin V2 receptor protein (292-370AA)
Conjugation	Biotin
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AVPR2 antibody	ELISA (EIA)
Related Product Information for anti-AVPR2 antibody	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:8393786). Involved in renal water reabsorption (By similarity).
Other Notes	Small volumes of anti-AVPR2 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 AVPR2 purchase	MBS7051772 is an antibody targeting AVPR2. Also known as AVPR2 Antibody, Biotin conjugated. Reactive in Pig. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AVPR2. It may not necessarily be applicable to this product.

NCBI GI #	55742843
NCBI GeneID	397462
NCBI Accession #	NP_999397.1

UniProt Primary Accession #	P32307
UniProt Related Accession #	P32307
GenBank Nucleotide #	NM_214232.1
NCBI Official Full Name	vasopressin V2 receptor
NCBI Official Symbol	AVPR2
UniProt Protein Name	Vasopressin V2 receptor
UniProt Synonym Protein Names	AVPR V2; Antidiuretic hormone receptor; Renal-type arginine vasopressin receptor
Protein Family	Vasopressin V2 receptor
UniProt Gene Name	AVPR2
UniProt Synonym Gene Names	V2R
NCBI Protein Information	vasopressin V2 receptor
UniProt Comments for AVPR2	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:8393786). Involved in renal water reabsorption ().
Research Articles on AVPR2	**1.** Type 2 vasopressin receptor (V2R) is in primary cilia of renal epithelial cells. There is also a functional cAMP-signaling pathway, which targets ciliary channel function and may help control the sensory function of the primary cilium.
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