

Rabbit AVPR2 / V2R Polyclonal Antibody | anti-AVPR2 antibody

Rabbit Polyclonal to Human AVPR2 / V2R

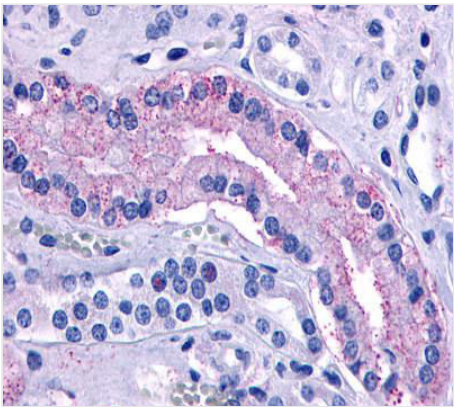
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51025	Rabbit	Gibbon, Chimpanzee, Gorilla, Hamster, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Bat, Dog, Horse, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

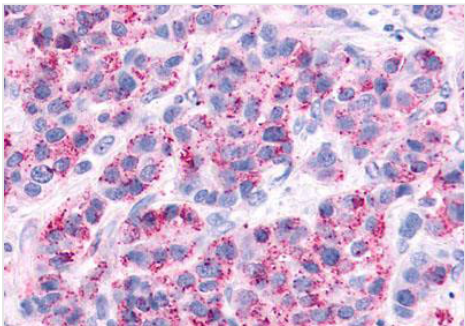
AVPR2 / V2R; Polyclonal Antibody; Rabbit Polyclonal to Human AVPR2 / V2R; Anti-AVPR2 / V2R Antibody (Cytoplasmic Domain) IHC-plus; AVPR2; ADHR; AVPR V2; Avp2r; Antidiuretic hormone receptor; DI1; DIR3; NDI; Vasopressin type 2 receptor; Vasopressin type II receptor; Vasopressin V2 receptor; V2 vasopressin receptor; Vasopressin receptor type 2; DIR; Type 2 vasopressin receptor; Human AVPR2; V2R; anti-AVPR2 antibody

PRODUCT SPECIFICATIONS

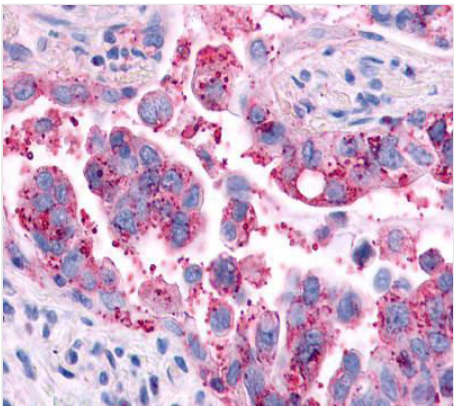
Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Hamster, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Bat, Dog, Horse, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human AVPR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	371
Applicable Applications for anti-AVPR2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human AVPR2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Rabbit (100%).
Immunogen Type	Synthetic peptide
Immunogen	AVPR2 / V2R antibody was raised against synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human AVPR2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Rabbit (100%); Baboon, Bat, Horse (95%); Dog, Pig (90%); Armadillo (85%); Shrew, Panda, Bovine (80%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



IHC (Immunohistochemistry)
Anti-AVPR2 antibody IHC of human kidney, renal tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-AVPR2 / V2R antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-AVPR2 / V2R antibody IHC of human Lung, Adenocarcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-AVPR2 antibody	The human AVPR2 locus encodes vasopressin receptor type 2, a member of the vasopressin/oxytocin family subfamily. V2 receptor has been shown to concentrate the urine and maintain water homeostasis by responding to the pituitary hormone arginine vasopressin (AVP). Loss of gene function results in the disease Nephrogenic Diabetes Insipidus (NDI).
Product Categories/Family for anti-AVPR2 antibody	Family: GPCR; Subfamily: Vasopressin/oxytocin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557345
NCBI GeneID	554
NCBI Accession #	NP_000045.1
NCBI GenBank Nucleotide #	NM_000054.4
UniProt Accession #	P30518; O43192; Q3MJD3; Q9UCV9; C5HF20
Molecular Weight	33,743 Da
NCBI Official Full Name	vasopressin V2 receptor isoform 1
NCBI Official Synonym Full Names	arginine vasopressin receptor 2

NCBI Official Symbol	AVPR2
NCBI Official Synonym Symbols	DI1; DIR; NDI; V2R; ADHR; DIR3
NCBI Protein Information	vasopressin V2 receptor; AVPR V2; antidiuretic hormone receptor; renal-type arginine vasopressin receptor
UniProt Protein Name	Vasopressin V2 receptor
UniProt Gene Name	AVPR2
UniProt Synonym Gene Names	ADHR; DIR; DIR3; V2R; V2R
UniProt Entry Name	V2R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/avpr2-v2r-antibody-immunohistochemistry-elisa/51025>