

Rabbit AVPR1B Polyclonal Antibody | anti-AVPR1B antibody

Rabbit Polyclonal to Human AVPR1B

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51371	Rabbit	Reactivity: Human, Rat, Bat, Bovine, Dog, Horse, Pig, Rabbit (tested or 100% immunogen sequence identity) Predicted: Monkey, Mouse (at least 90% immunogen sequence identity)	Immunohistochemistry

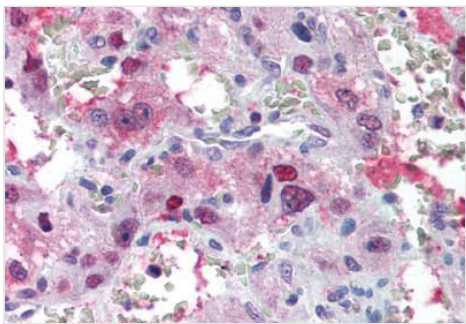
PRODUCT SYNONYMS

AVPR1B; Polyclonal Antibody; Rabbit Polyclonal to Human AVPR1B; AVPR3; V1bR; AVPR V1b; AVPR V3; V1b receptor; V1b vasopressin receptor; Vasopressin V1b receptor; Vasopressin V3 receptor; VPR3; anti-AVPR1B antibody

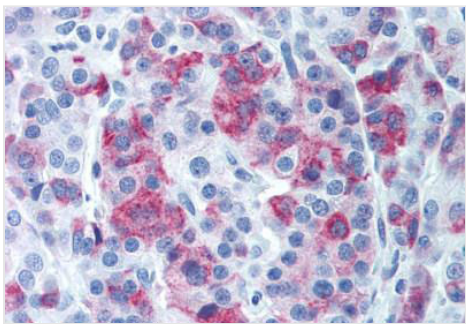
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reactivity: Human, Rat, Bat, Bovine, Dog, Horse, Pig, Rabbit (tested or 100% immunogen sequence identity) Predicted: Monkey, Mouse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human AVPR1B. 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	424
Applicable Applications for anti-AVPR1B antibody	IHC (Immunohistochemistry)
Immunogen species	AVPR1B antibody was raised against human
Antigen Type	Synthetic peptide
Target	Human AVPR1B
Immunogen Description	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human AVPR1B. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Rat, Bovine, Dog, Bat, Elephant, Panda, Horse, Rabbit, Pig, Opossum (100%).
Epitope	N-Terminus
Immunogen Type	Synthetic peptide
Immunogen	AVPR1B antibody was raised against synthetic 17 amino acid peptide from N-terminal extracellular domain of human AVPR1B. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Rat, Bovine, Dog, Bat, Elephant, Panda, Horse, Rabbit, Pig, Opossum (100%); Marmoset, Mouse (94%).
Antigen Modification	N-Terminus
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze thaw cycles.

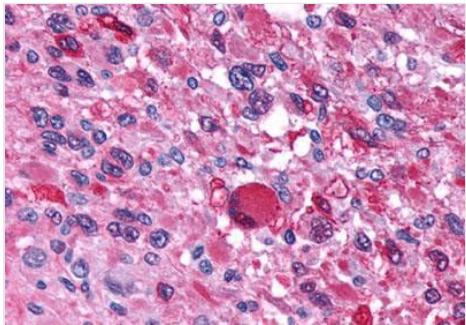
IMAGES



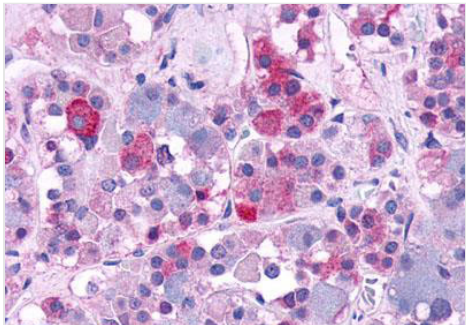
IHC (Immunohistochemistry)
Anti-AVPR1B antibody IHC of human Adrenal, Pheochromocytoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-AVPR1B antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-AVPR1B antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-AVPR1B antibody IHC of human brain, pituitary. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-AVPR1B antibody	AVPR1B acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known.
Product Categories/Family for anti-AVPR1B antibody	Family: GPCR; Subfamily: Vasopressin/oxytocin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502333
NCBI GeneID	553
NCBI Accession #	NP_000698.1
NCBI GenBank Nucleotide #	NM_000707.3
UniProt Accession #	P47901; Q5TZ00; B0M0J6
NCBI Official Full Name	vasopressin V1b receptor
NCBI Official Synonym Full Names	arginine vasopressin receptor 1B
NCBI Official Symbol	AVPR1B
NCBI Official Synonym Symbols	AVPR3

NCBI Protein Information	vasopressin V1b receptor; V1bR; AVPR V3; AVPR V1b; vasopressin V3 receptor; arginine vasopressin receptor 3; antidiuretic hormone receptor 1B; pituitary vasopressin receptor 3
UniProt Protein Name	Vasopressin V1b receptor
UniProt Gene Name	AVPR1B
UniProt Synonym Gene Names	AVPR3; VPR3; V1bR
UniProt Entry Name	V1BR_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/avpr1b-antibody-immunohistochemistry-elisa/51371>