

Rabbit anti-Human, Rat Vasopressin-neurophysin 2-copeptin Polyclonal Antibody | anti-AVP antibody

Rabbit anti-human Vasopressin-neurophysin 2-copeptin polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229827	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

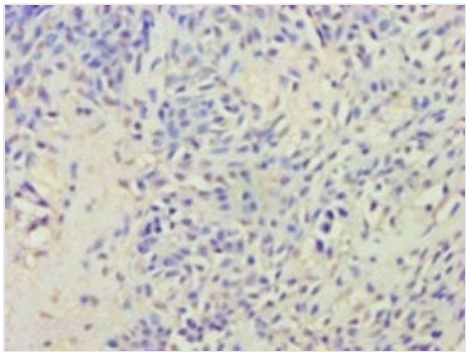
PRODUCT SYNONYMS

Vasopressin-neurophysin 2-copeptin; Polyclonal Antibody; Rabbit anti-human Vasopressin-neurophysin 2-copeptin polyclonal Antibody; Vasopressin-neurophysin 2-copeptin (AVP-NPII) [Cleaved into: Arg-vasopressin (Arginine-vasopressin); Neurophysin 2 (Neurophysin-II); Copeptin]; AVP; ARVP VP; anti-AVP antibody

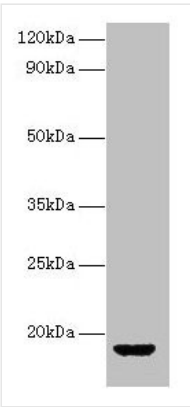
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-AVP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Vasopressin-neurophysin 2-copeptin protein (126-164AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Immunogen Species	Human
Research Area	Neuroscience
Target Names	AVP
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27094 / sc-7811
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA229827 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: AVP antibody at 2ug/ml + Rat gonadal tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 18 kDaObserved band size: 18 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AVP antibody	Neurophysin 2 specifically binds vasopressin. Vasopressin has a direct antidiuretic action on the kidney, it also causes vasoconstriction of the peripheral vessels. Acts by binding to vasopressin receptors (V1bR/AVPR1B, V1aR/AVPR1A, and V2R/AVPR2) (PubMed:18174156).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13259533
NCBI GeneID	551
NCBI Accession #	NP_000481.2
NCBI GenBank Nucleotide #	NM_000490.4
UniProt Accession #	P01185; O14935; A0AV35
NCBI Official Full Name	vasopressin-neurophysin 2-copeptin preproprotein
NCBI Official Synonym Full Names	arginine vasopressin
NCBI Official Symbol	AVP
NCBI Official Synonym Symbols	VP; ADH; ARVP; AVRP; AVP-NPII
NCBI Protein Information	vasopressin-neurophysin 2-copeptin
UniProt Protein Name	Vasopressin-neurophysin 2-copeptin
UniProt Gene Name	AVP
UniProt Synonym Gene Names	ARVP; VP
UniProt Entry Name	NEU2_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.