

Rabbit anti-Human AVPR1B Polyclonal Antibody | anti-AVPR1B antibody

AVPR1B Antibody

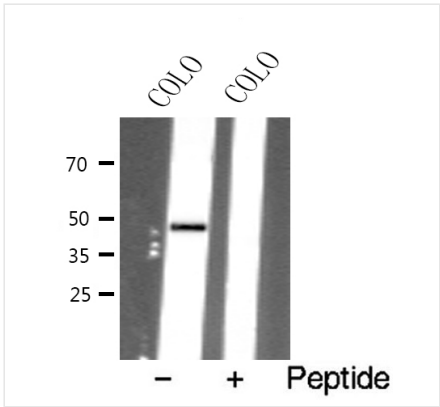
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325768	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

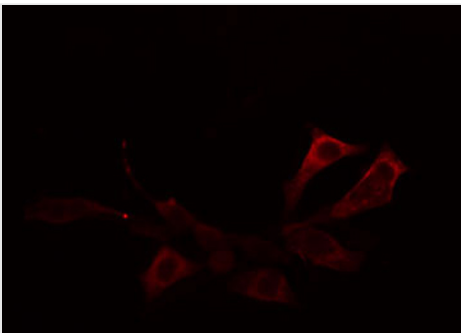
AVPR1B; Polyclonal Antibody; AVPR1B Antibody; Antidiuretic hormone receptor 1b; Antidiuretic hormone; receptor for; V1B; Arginine vasopressin receptor 1B; Arginine vasopressin receptor 3; AVPR V1b; AVPR V3; Avpr1b; AVPR3; Pituitary vasopressin receptor 3; V1bR; V1BR_HUMAN; Vasopressin V1b receptor; Vasopressin V3 receptor; VPR3; anti-AVPR1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	AVPR1B antibody detects endogenous levels of total AVPR1B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	424
Applicable Applications for anti-AVPR1B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Xenopus
Similarity	Pig (89%), Bovine (89%), Horse (89%), Sheep (89%), Dog (100%), Xenopus (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from COLO cells using AVPR1B antibody.



IF (Immunofluorescence)
AAA325768 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AVPR1B antibody	Function: Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system. Similarity: Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502333
NCBI GeneID	553
NCBI Accession #	NP_000698.1
NCBI GenBank Nucleotide #	NM_000707.4
UniProt Accession #	P47901; Q5TZ00; B0M0J6
Molecular Weight	Observed: 47 kD Predicted: 47 kDa
NCBI Official Full Name	vasopressin V1b receptor
NCBI Official Synonym Full Names	arginine vasopressin receptor 1B
NCBI Official Symbol	AVPR1B
NCBI Official Synonym Symbols	V1bR; AVPR3
NCBI Protein Information	vasopressin V1b receptor
UniProt Protein Name	Vasopressin V1b receptor
UniProt Gene Name	AVPR1B
UniProt Synonym Gene Names	AVPR3; VPR3; V1bR

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.