Datasheet for ABIN733238

anti-AVPR2 antibody (AA 281-371)

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Overview

Quantity:	100 µL
Target:	AVPR2
Binding Specificity:	AA 281-371
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AVPR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AVPR2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	AVPR2

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Target Details

Alternative Name:	AVPR2 (AVPR2 Products)
Background:	Synonyms: arginine vasopressin receptor 2, ADHR, Antidiuretic hormone recepto, Arginine vasopressin receptor 2, AVP R2, AVPR 2, AVPR V2, DI1, DIR 3, DIR, DIR3, MGC126533, MGC138386, NDI, Nephrogenic diabetes insipidus, Renal type arginine vasopressin recepto, V2R, Vasopressin V2 receptor. Background: AVPR2 is a receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. AVPR2 is expressed in the kidney tubule, predominantly in the distal convoluted tubule and collecting ducts. The AVPR2 receptor is also expressed outside the kidney although its tissue localization is uncertain.
Gene ID:	554
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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Publications

Product cited in:	Zhang, Lin, Zhao, Guo, Yan, Lin: "Revealing the Effects of the Herbal Pair of Euphorbia kansui and Glycyrrhiza on Hepatocellular Carcinoma Ascites with Integrating Network Target Analysis and Experimental Validation." in: **International journal of biological sciences**, Vol. 12, Issue 5, pp. 594-606, (2017) (PubMed).

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