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Datasheet for ABIN334356  
**anti-AVPR2 antibody (C-Term)**

### Overview

Quantity:	100 µg
Target:	AVPR2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AVPR2 antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	AVPR2
Immunogen:	Peptide with sequence CARGRTPPSLGPQDE, from the C Terminus of the protein sequence according to NP_000045.1.
Sequence:	CARGRTPPSL GPQDE
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

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Target:	AVPR2
Alternative Name:	AVPR2 ( <a href="#">AVPR2 Products</a> )
Background:	AVPR2, arginine vasopressin receptor 2 (nephrogenic diabetes insipidus), ADHR, DI1, DIR, DIR3, MGC126533, MGC138386, NDI, V2R, arginine vasopressin receptor 2
Gene ID:	554
NCBI Accession:	<a href="#">NP_000045</a>
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

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Application Notes:	Western Blot: Preliminary experiments gave an approx 250 kDa band in Human Brain (Cerebellum) lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.