Datasheet for ABIN1944810

anti-AVPR2 antibody

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Overview

Quantity:	100 µg
Target:	AVPR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AVPR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Isotype:	IgG1

Target Details

Target:	AVPR2
Alternative Name:	AVPR2 (AVPR2 Products)
Background:	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Involved in renal water reabsorption.
Molecular Weight:	40279 Da
Gene ID:	554
UniProt:	P30518
Pathways:	cAMP Metabolic Process

Application Details

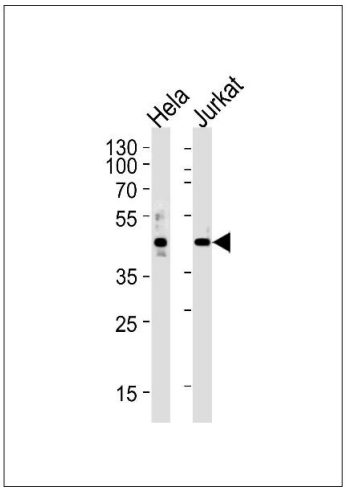
Application Notes:	IF: 1:100. WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C,-20 °C

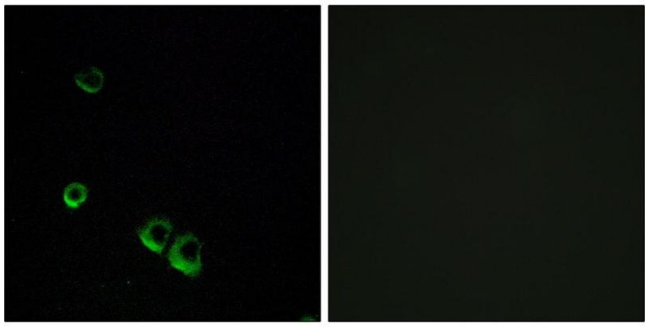
Publications

Product cited in:	Humphray, Oliver, Hunt, Plumb, Loveland, Howe, Andrews, Searle, Hunt, Scott, Jones, Ainscough, Almeida, Ambrose, Ashwell, Babbage, Babbage, Bagguley, Bailey, Banerjee, Barker, Barlow, Bates, Beasley et al.: "DNA sequence and analysis of human chromosome 9. ..." in: **Nature**, Vol. 429, Issue 6990, pp. 369-74, (2004) (PubMed). Liu, Meakin: "ShcB and ShcC activation by the Trk family of receptor tyrosine kinases." in: **The Journal of biological chemistry**, Vol. 277, Issue 29, pp. 26046-56, (2002) (PubMed). Nakamura, Sanokawa, Sasaki, Ayusawa, Oishi, Mori: "N-Shc: a neural-specific adapter molecule that mediates signaling from neurotrophin/Trk to Ras/MAPK pathway." in: **Oncogene**, Vol. 13, Issue 6, pp. 1111-21, (1996) (PubMed). Pelicci, Dente, De Giuseppe, Verducci-Galletti, Giuli, Mele, Vetriani, Giorgio, Pandolfi, Cesareni, Pelicci: "A family of Shc related proteins with conserved PTB, CH1 and SH2 regions." in: **Oncogene**, Vol. 13, Issue 3, pp. 633-41, (1996) (PubMed).



Western Blotting

Image 1. Western blot analysis of lysates from Hela,Jurkat cell line (from left to right),using AVPR2 Antibody (ABIN486633 and ABIN1536014). ABIN486633 and ABIN1536014 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35 µg per lane.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF-7 cells, using AVPR2 antibody.