

AVPR1A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06614
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human AVPR1A. at AA range: 11-60
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	AVPR1A
Synonyms	AVPR1A; Vasopressin V1a receptor; V1aR; AVPR V1a; Antidiuretic hormone receptor 1a; Vascular/hepatic-type arginine vasopressin receptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, release of coagulation factor and glycogenolysis.

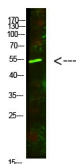
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of mouse-lung cells using primary antibody diluted at 1:500(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour)

Storage

-20°C for 1 year