

Product datasheet for **TA305874**

Avpr1b Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.05-0.2ug/ml.
Reactivity:	Rat (Expected from sequence similarity: Mouse)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KPAGSLKDLEQVD, from the internal region (near C-Terminus) of the protein sequence according to NP_036054.1.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	arginine vasopressin receptor 1B
Database Link:	NP_036054 Entrez Gene 29462 Rat Entrez Gene 26361 Mouse Q9WU02



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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 AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known. [provided by RefSeq]

Synonyms:

AVPR3; V1bR; VPR3

Product images:

TA305874 (0.5ug/ml) staining of Human Amygdala lysate (35ug protein in RIPA buffer) in lane A and (0.05ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer) in lane B. Primary incubation was 1 hour. Detected b