

MaxPab®

AVPR1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000553-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AVPR1B protein.
Immunogen	AVPR1B (AAI56079.1, 1 a.a. ~ 424 a.a) full-length human protein.
Sequence	MDSGPLWDANPTPRGTLAPNATTPWLGRDEELAKVEIGVLATVVLATGGNLAVLLTLGQLGRK RSRMHLFVLHLALTDLAVALFQVLPQLLWDITYRFQGPDLCCRAVKYLQVLSMFASTYMLLAMTLD RYLAVCHPLRSLQQPGQSTYLLIAAPWLLAAIFSLPQVFIFSLREVIQGGSVLDCWADFGFPWGPR AYLTWTTLAIFVLPVTMLTACYSLICHEICKNLKVKTQAWRVGGGGWRTWDRPSPSTLAATTRGLP SRVSSINTISRAKIRTVKMTFVIVLAYACWAPFFSVQMWSVWDKNAPDEDSTNVAFTISMLLGNLN SCCNPWYMGFNSHLLPRPLRLHACCGGPQPRMRRRLSDGSLSSRHTLLTRSSCPATLSLSLSL TLSGRPRPEESPRDLELADGEGTAETIF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — AVPR1B

Entrez GeneID	553
GeneBank Accession#	BC156078.1
Protein Accession#	AAI56079.1
Gene Name	AVPR1B
Gene Alias	AVPR3
Gene Description	arginine vasopressin receptor 1B
Omim ID	600264
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000034344 antidiuretic hormone receptor 1B arginine vasopressin receptor 3 pituitary vasopressin receptor 3 vasopressin V1B receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Depressive Disorder](#)

- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Panic Disorder](#)
- [Psychiatric Status Rating Scales](#)
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