

Product datasheet for AP06128PU-M

GABA B Receptor 1 (GABBR1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies IHC, WB **Applications:** Recommended Dilution: Western blot: 1/500-1/1000. Immunohistochemistry: 1/50-1/200. **Reactivity:** Human, Mouse, Rat Host: Rabbit **Clonality:** Polyclonal Synthetic peptide, corresponding to amino acids 870-913 of Human GABAB R1. Immunogen: This antibody detects endogenous levels of GABA-B Receptor protein. Specificity: (region surrounding lle902) Formulation: Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Preservative: 0.05% Sodium azide **Concentration:** 1.0 mg/ml **Purification:** Affinity Chromatography using epitope-specific immunogen. **Conjugation:** Unconjugated Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Storage: Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. **Predicted Protein Size:** ~ 110 kDa Gene Name: gamma-aminobutyric acid type B receptor subunit 1 Database Link: Entrez Gene 2550 Human Q9UBS5



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

	GABA B Receptor 1 (GABBR1) Rabbit Polyclonal Antibody – AP06128PU-M
Background:	GAD-65 and GAD-67, glutamate decarboxylases of 65 kDa and 67 kD,arespectively, function to catalyze the production of GABA (gamma-aminobutyricacid). In the central nervous system GABA (gamma-aminobutyric acid)functions as the main inhibitory transmitter by increasing a Cl-conductancethat inhibits neuronal firing. GABA has been shown to activate bothionotropic (GABAA) and metabotropic (GABAB) receptors as well as a thirdclass of receptors called GABAC.
	The inhibitory neurotransmitter, GABA, acts through two ligand gated channels, GABAa and

GABAbR1 is one of two G protein coupled receptors for GABAb that acts as a heteromeric assembly with GABAbR2.

GABA-B receptor 1, GABA-B-R1, GABA-BR1, GABABR1, Gb1, GPRC3A

Product images:

Synonyms:



Western blot (WB) analysis of GABAB R1 antibody at 1/500 dilution Lane 1:HEK293T cell lysate Lane 2:Mouse heart tissue lysate Lane 3:Rat heart tissue lysate



Immunohistochemistry (IHC) analysis of GABA-B Receptor antibody in paraffin-embedded human brain tissue.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US