



# GABAA R?1 Polyclonal Antibody

Cat No: HR1AP6539

For research use only

## Overview

Product Name	GABAA R?1 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p, WB, ELISA
Species Reactivity	Human, Mouse, Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	51kDa
GenelID?Human?	GABRA1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	GABRA1; Gamma-aminobutyric acid receptor subunit alpha-1; GABA(A) receptor subunit alpha-1
Background	gamma-aminobutyric acid type A receptor alpha1 subunit(GABRA1) Homo sapiens This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene cause juvenile myoclonic epilepsy and childhood absence epilepsy type 4. Multiple transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008],