

GABRA1 Polyclonal Antibody

Catalog No.	A12244	Category	Polyclonal Antibodies
Applications	WB	Observed MW	52kDa
Cross-reactivity	Mouse	Calculated MW	51kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 28-251 of human GABRA1 (NP_000797.2).
Gene ID	2554
Swiss prot	P14867
Synonyms	GABRA1; ECA4; EIEE19; EJM; EJM5; gamma-aminobutyric acid receptor subunit alpha-1

Product information

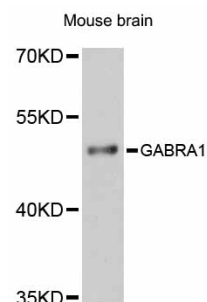
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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.

Recommended Dilutions

WB 1:500 -
1:1000



Western blot - GABRA1 Polyclonal Antibody (A12244)