

Product Name: GABAA R α 6 Rabbit Polyclonal Antibody
Catalog #: APRab11235



Summary

Production Name	GABAA R α 6 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GABRA6
Alternative Names	GABRA6; Gamma-aminobutyric acid receptor subunit alpha-6; GABA(A) receptor subunit alpha-6
Gene ID	2559.0
SwissProt ID	Q16445.The antiserum was produced against synthesized peptide derived from human GABRA6. AA range:61-110

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	51kD

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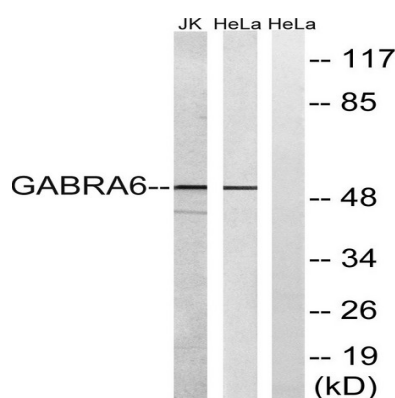
Background

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. At least 16 distinct subunits of GABA-A receptors have been identified. [provided by RefSeq, Jul 2008],function:GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.,online information:Forbidden fruit - Issue 56 of March 2005,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Binds UBQLN1 (By similarity). Generally pentameric. There are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho.,

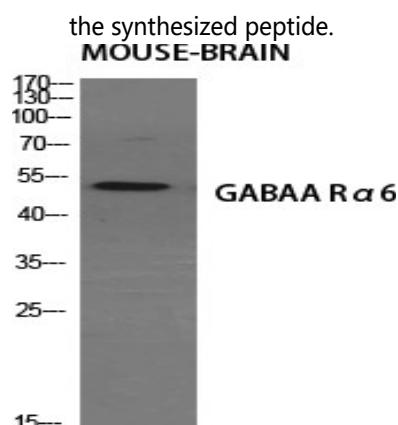
Research Area

Neuroactive ligand-receptor interaction;

Image Data

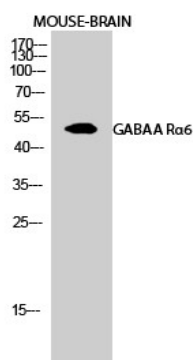


Western blot analysis of lysates from HeLa and Jurkat cells, using GABRA6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GABAA R α 6 Polyclonal Antibody diluted at 1: 500

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Western Blot analysis of MOUSE-BRAIN cells using GABAA R α 6 Polyclonal Antibody diluted at 1 : 500

Note

For research use only.