



GABAA Rα6 Polyclonal Antibody

Catalog No	YP-Ab-16416
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GABRA6
Immunogen	The antiserum was produced against synthesized peptide derived from human GABRA6. AA range:61-110
Specificity	GABAA Rα6 Polyclonal Antibody detects endogenous levels of GABAA Rα6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ECA5;GABA alpha receptor beta-2 subunit;GABA(A) receptor subunit beta-3; GABAA receptor beta 3 subunit;GABAA receptor subunit beta 3;GABR B3; Gabrb3;Gamma aminobutyric acid (GABA) A receptor beta 3;Gamma aminobutyric acid receptor subunit beta 3;Gamma-aminobutyric acid receptor subunit beta-3;GBRB3_HUMAN;MGC951;GABAA Rα6;GABRA6;Gamma-aminobutyric acid receptor subunit alpha-6;GABA(A) receptor subunit alpha-6
Observed Band	51kD
Calculated Molecular Weight	51kD
Cell Pathway	Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Cerebellum,
Function	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.,

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],

matters needing attention

Avoid repeated freezing and thawing!

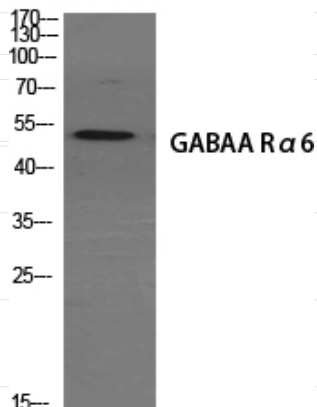
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



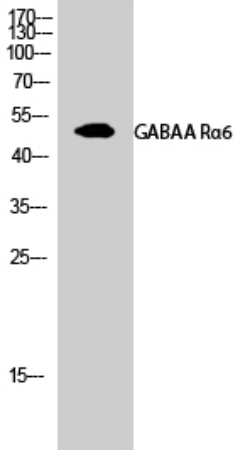
Products Images

MOUSE-BRAIN

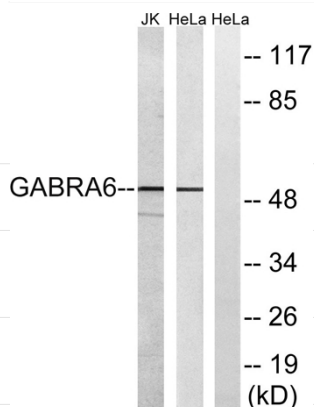


Western Blot analysis of various cells using GABAA Rα 6 Polyclonal Antibody diluted at 1:500

MOUSE-BRAIN



Western Blot analysis of MOUSE-BRAIN cells using GABAA Rα6 Polyclonal Antibody diluted at 1:500



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