



# GABAA R $\alpha$ 6 Monoclonal Antibody

Catalog No	BYmab-16416
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GABRA6
Protein Name	Gamma-aminobutyric acid receptor subunit alpha-6
Immunogen	The antiserum was produced against synthesized peptide derived from human GABRA6. AA range:61-110
Specificity	GABAA R $\alpha$ 6 Monoclonal Antibody detects endogenous levels of GABAA R $\alpha$ 6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	GABRA6; Gamma-aminobutyric acid receptor subunit alpha-6; GABA(A) receptor subunit alpha-6
Observed Band	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

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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],

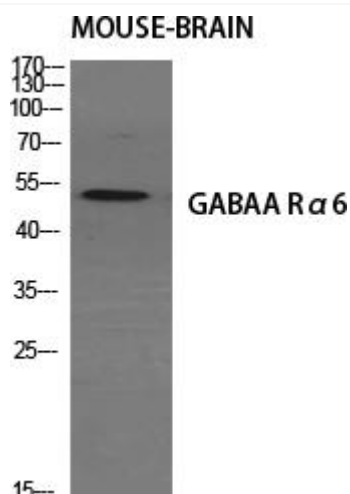
**matters needing attention**

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



Western Blot analysis of various cells using GABAA Rα6 Monoclonal Antibody

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