



# GABA A Receptor $\alpha$ 3 Monoclonal Antibody

Catalog No	YP-mAb-01210
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	GABRA3
Protein Name	Gamma-aminobutyric acid receptor subunit alpha-3 (GABA(A) receptor subunit alpha-3)
Immunogen	Synthetic Peptide of GABA A Receptor $\alpha$ 3 AA range: 51-101
Specificity	GABA A Receptor $\alpha$ 3 protein(A225) detects endogenous levels of GABA A Receptor $\alpha$ 3
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 1:500-1:2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	Gamma-aminobutyric acid receptor subunit alpha-3 (GABA(A) receptor subunit alpha-3)
Observed Band	55kD
Cell Pathway	Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Brain,
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],



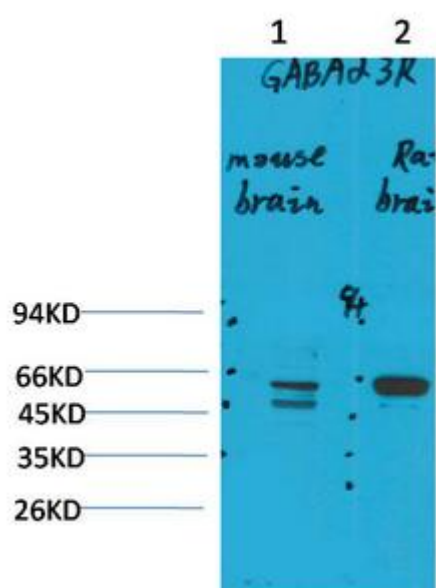
**matters needing attention**

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**



Western Blot analysis of various cells using GABA A Receptor  $\alpha 3$  Monoclonal Antibody