



GABA A Receptor α 3 rabbit pAb

Cat No.:ES20749

For research use only

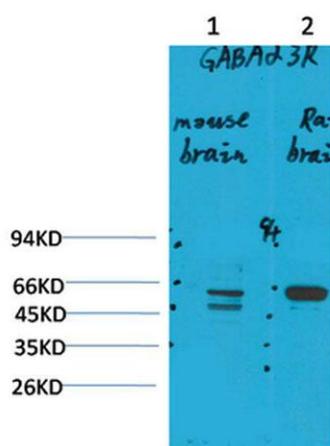
Overview

Product Name	GABA A Receptor α 3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:1000-2000, IHC 1:100-200
Immunogen	Synthetic Peptide of GABA A Receptor α 3 AA range: 51-101
Specificity	GABA A Receptor α 3 protein(A225) detects endogenous levels of GABA A Receptor α 3
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gamma-aminobutyric acid receptor subunit alpha-3 (GABA(A) receptor subunit alpha-3)
Gene Name	GABRA3
Cellular localization	Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	2556
Human Swiss-Prot Number	P34903
Alternative Names	Gamma-aminobutyric acid receptor subunit alpha-3 (GABA(A) receptor subunit alpha-3)
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



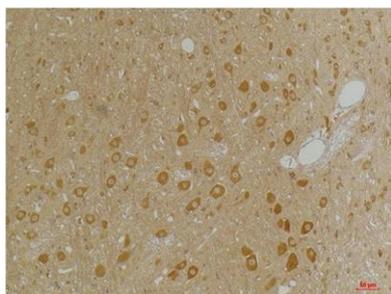


GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. [provided by RefSeq, Jul 2008],



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with GABA A Receptor $\alpha 3$ Rabbit pAb diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GABA A Receptor $\alpha 3$ Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using GABA A Receptor $\alpha 3$ Rabbit pAb diluted at 1:200.

