

GABA A Receptor α 4 Rabbit Polyclonal Antibody(A226)

Catalog No: RA20230

Basic Information

Host species	Rabbit
Applications	WB,IHC
Species Cross-Reactivity	H,R,M
Specificity	Antibody can detects endogenous GABA A Receptor α 4 protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

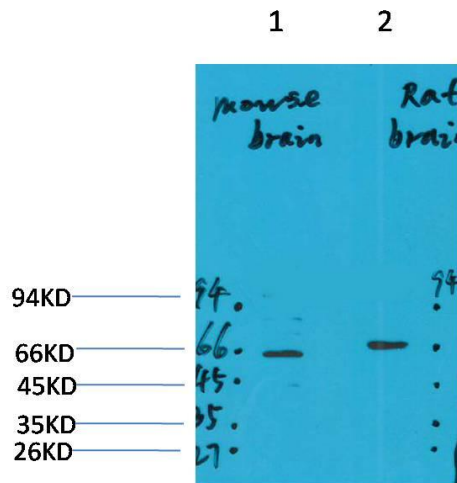
Applications

Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

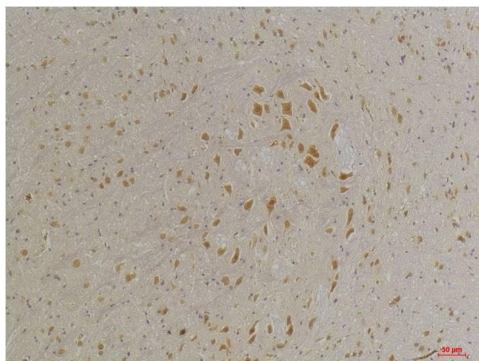
Background

Alternative Names	GABRA4,GBRA4, GABA A receptor subunit alpha 4
Observed band	62
Human Gene ID	2557
Human Swiss-Prot Number	P48169
Background	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.

Selected Validation Data



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with GABA A Receptor $\alpha 4$ Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using GABA A Receptor $\alpha 4$ Rabbit pAb diluted at 1:200.