

# GABA Transporter 1 Rabbit Polyclonal Antibody(A230)

**Catalog No: RA20233**

## Basic Information

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

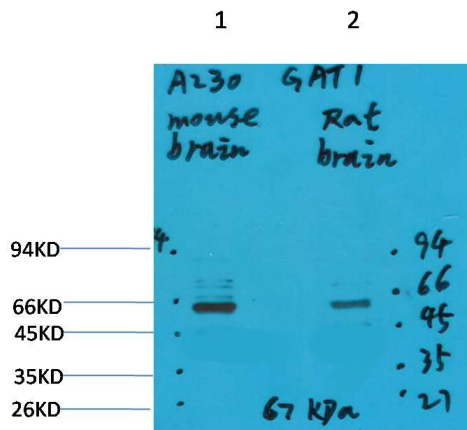
## Applications

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

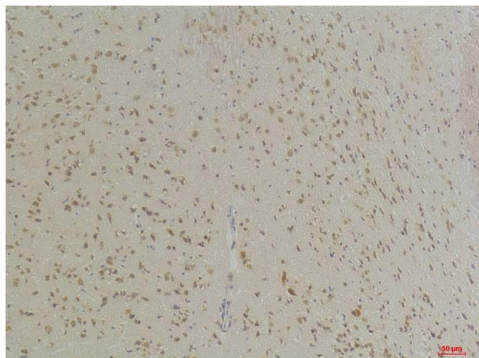
## Background

Alternative Names	GAT1,GABATHG,GABATR,SC6A1
Observed band	67
Human Gene ID	6529
Human Swiss-Prot Number	P30531
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 Transporter 1 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using GABA Transporter 1 Rabbit pAb diluted at 1:200.