SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GABA A Receptor alpha 3 antibody

Catalog Number: SL6500R

FOR RESEARCH USE ONLY

[DATASHEET]

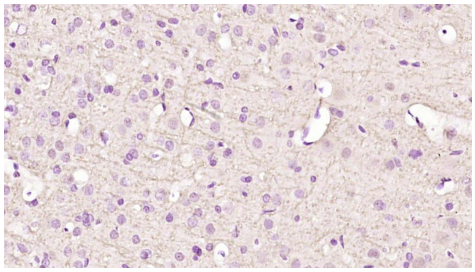
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GABA A Receptor alpha 3
Immunogen:	KLH conjugated synthetic peptide derived from human GABRA3: 101-200/492 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	52kDa
Subcellular Location:	The cell membrane
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. **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. **Subunit:** Binds UBQLN1. Generally pentameric. There are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho. **Subcellular Location:** Cell junction; synapse; postsynaptic cell membrane; Cell membrane. **Similarity:** Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRA3 sub-

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	subfamily. **Database links:** **Entrez Gene:** 282237 Cow **Entrez Gene:** 492223 Dog **Entrez Gene:** 2556 Human **Entrez Gene:** 14396 Mouse **Entrez Gene:** 24947 Rat Omim: 305660 Human **SwissProt:** P10064 Cow **SwissProt:** P34903 Human **SwissProt:** P26049 Mouse **SwissProt:** P20236 Rat **Unigene:** 123024 Human **Unigene:** 102286 Mouse **Unigene:** 447666 Mouse **Unigene:** 10367 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GABA A Receptor alpha 3) Polyclonal Antibody, Unconjugated (SL6500R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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