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Rabbit Anti-GABRA6 antibody

SL12063R

Product Name	GABRA6
Chinese Name	G 氨基丁酸 A 型受体 α6/GABAA Rα6 抗体
Alias	GABA A; GABA A Receptor alpha 6 polypeptide; GABA A receptor alpha 6; GABA A recepto 6; GABA subunit A receptor alpha 6; GABA(A) receptor subunit alpha-6; GABRA 6; GABRA6 aminobutyric acid A receptor alpha 6; Gamma aminobutyric acid GABA A receptor alpha 6; Ga aminobutyric acid receptor subunit alpha 6; Gamma-aminobutyric acid receptor subunit alpha-6; GBRA6_HUMAN; MGC116903; MGC116904.
Research Area	Neurobiology The cell membrane 受体
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Sheep,)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	49kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GABRA6/GABA A Receptor alpha 6: 8 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or d applications.

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Product Detail

GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A which are ligand-gated chloride channels. Chloride conductance of these channels can be modul such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GAB have been identified. [provided by RefSeq, Jul 2008]

Function:
GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibitio the GABA/benzodiazepine receptor and opening an integral chloride channel.

Subunit:
Binds UBQLN1 (By similarity). Generally pentameric. There are five types of GABA(A) recepto beta, gamma, delta, and rho.

Subcellular Location:
Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membra membrane protein.

Similarity:
Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor subfamily. GABRA6 sub-subfamily.

SWISS:
Q16445

Gene ID:
2559

Database links:

Entrez Gene: 2559 Human

Entrez Gene: 14399 Mouse

Entrez Gene: 29708 Rat

Omim: 137143 Human

SwissProt: Q16445 Human

SwissProt: P16305 Mouse

SwissProt: P30191 Rat

Unigene: 90791 Human

Unigene: 4915 Mouse

Unigene: 29890 Rat