

Rabbit Anti-GABRG3 antibody

SL12080R

Product Name	GABRG3
Chinese Name	G 氨基丁酸受体 γ 3/GABAA R γ 3 抗体
Alias	GABA A Receptor gamma 3; GABA(A) receptor; GABA(A) receptor subunit gamma 3; GABR G3; GABRG 3; GABRG3; Gamma aminobutyric acid (GABA) A receptor gamma 3; Gamma aminobutyric acid A receptor gamma 3; Gamma aminobutyric acid receptor subunit gamma 3; GBRG3_HUMAN.
Research Area	Neurobiology Channel protein The cell membrane 受体 G protein-coupled receptor G protein signal
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	52kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GABRG3/GABA A Receptor gamma 3: 31-130/467 <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°C. 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 diagnostic applications.
PubMed	PubMed

This gene encodes a gamma-aminobutyric acid (GABA) receptor. 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. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. The protein encoded by this gene is a gamma subunit, which contains the benzodiazepine binding site. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Aug 2012]

Function:

GABA A Receptor gamma 3, is the ligand-gated ion channel that GABA A (gamma aminobutyric acid) exerts its inhibitory neurotransmitter function through.

Subunit:

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; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein.

Post-translational modifications:

May be palmitoylated

Similarity:

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRG3 sub-subfamily.

SWISS:

Q99928

Gene ID:

2567

Database links:

[Entrez Gene: 2567](#) Human

[Entrez Gene: 14407](#) Mouse

Product Detail

[Entrez Gene: 79211](#) Rat

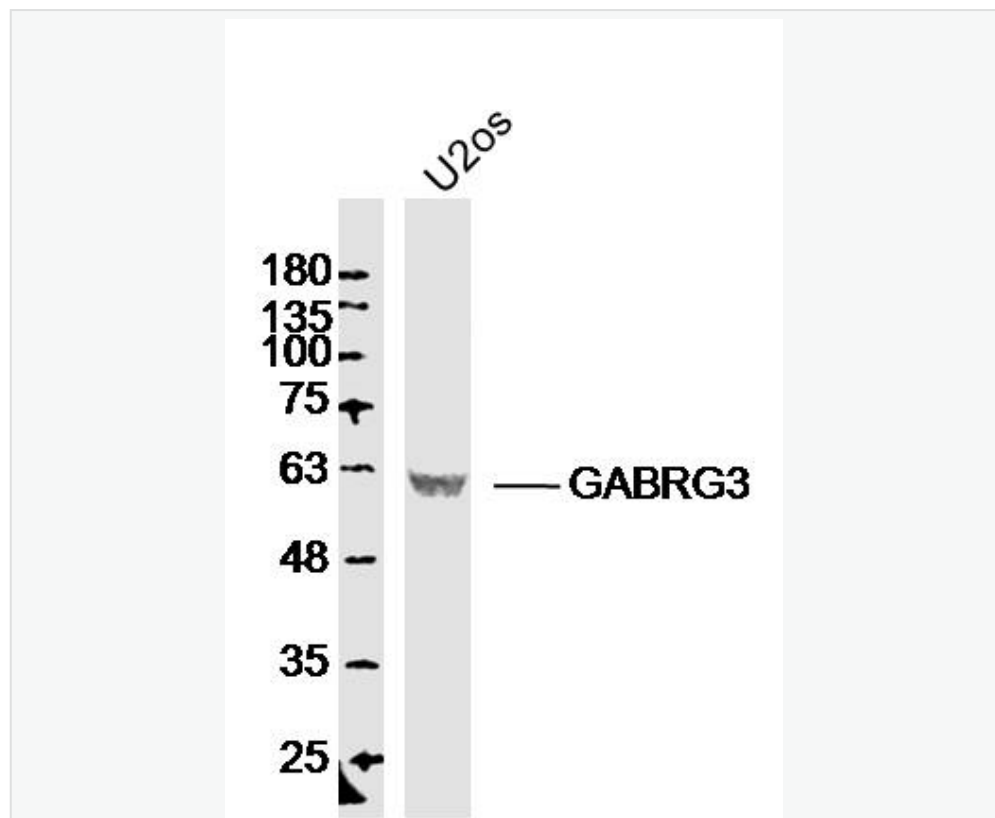
[Omim: 600233](#) Human

[SwissProt: Q99928](#) Human

[SwissProt: P27681](#) Mouse

[SwissProt: P28473](#) Rat

Product Picture



Sample:

U2os Cell (Human) Lysate at 30 ug

Primary: Anti- GABRG3 (SL12080R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 52kD



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Observed band size: 62kD