



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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	52kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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

[Entrez Gene: 79211](#) Rat

[Omin: 600233](#) Human

[SwissProt: Q99928](#) Human

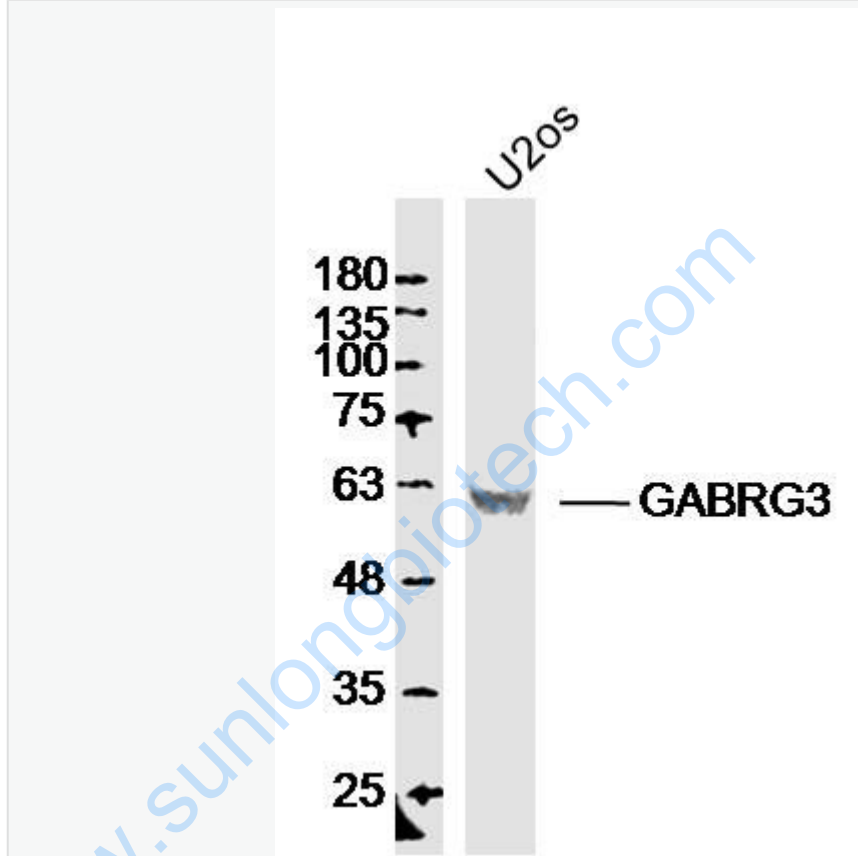
[SwissProt: P27681](#) Mouse

[SwissProt: P28473](#) Rat

Important Note:

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

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

Observed band size: 62kD