

Datasheet for ABIN1429629
anti-GABRG3 antibody (PE-Cy7)



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Overview

Quantity:	100 µL
Target:	GABRG3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG3 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GABRG3/GABA A Receptor gamma 3
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	GABRG3
Alternative Name:	GABRG3/GABA A Receptor gamma 3 (GABRG3 Products)
Background:	Synonyms: GABAA receptor, GABAA receptor subunit gamma 3, GABR G3, GABRG 3, GABRG3, Gamma aminobutyric acid GABA A receptor gamma 3, Gamma aminobutyric acid A receptor

Target Details

gamma 3, Gamma aminobutyric acid receptor subunit gamma 3, GBRG3_HUMAN.

Background: GAD-65 and GAD-67, glutamate decarboxylases, function to catalyze the production of GABA (gamma-aminobutyric acid). In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl⁻ conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. Both GABAA and GABAC are ligand-gated ion channels, however, they are structurally and functionally distinct. Members of the GABAA receptor family include GABAA R Alpha 1-6, GABAA R Beta 1-3, GABAA R Gamma 1-3, GABAA R Delta, GABAA R Epsilon, GABAA R Zeta 1 and GABAA R Zeta 2. The GABAB family is composed of GABAB R1 Alpha and GABAB R1 Beta. GABA transporters have also been identified and include GABA T-1, GABA T-2 and GABA T-3 (also designated GAT-1, -2, and -3). The GABA transporters function to terminate GABA action.

Molecular Weight: 52kDa

Application Details

Application Notes: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months