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Datasheet for ABIN1395040

**anti-GABRG3 antibody (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	GABRG3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG3 antibody is conjugated to Alexa Fluor 488
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 ( <a href="#">GABRG3 Products</a> )
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<sup>-</sup> 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.

## Application Details

Application Notes:	IF(IHC-P) 1:50-200
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