antibodies

Datasheet for ABIN7159440 anti-Metabotropic Glutamate Receptor 3 antibody (AA 46-354)



Overview

Image

Quantity:	100 µL
Target:	Metabotropic Glutamate Receptor 3 (GRM3)
Binding Specificity:	AA 46-354
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Metabotropic Glutamate Receptor 3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Metabotropic glutamate receptor 3 protein (46-354AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Metabotropic Glutamate Receptor 3 (GRM3)
Alternative Name:	GRM3 (GRM3 Products)
Background:	Background: G-protein coupled receptor for glutamate. Ligand binding causes a conformation
	change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and

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Target Details

	modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity.
	Aliases: GLUR3 antibody, Glutamate metabotropic receptor 3 antibody, Glutamate receptor
	metabotropic 3 antibody, GPRC1C antibody, GRM3 antibody, GRM3_HUMAN antibody,
	Metabotropic glutamate receptor 3 antibody, MGlu3 antibody, mGluR3 antibody
UniProt:	Q14832
Pathways:	cAMP Metabolic Process, Synaptic Membrane

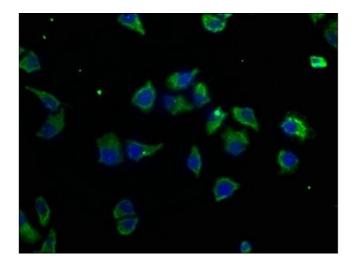
Application Details

Application Notes:	Recommended dilution: IF:1:50-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7159440 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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