

## GABA B Receptor 1 Conjugated Antibody

Catalog No: #C56239



Package Size: #C56239-AF350 100ul #C56239-AF405 100ul #C56239-AF488 100ul  
 #C56239-AF555 100ul #C56239-AF594 100ul #C56239-AF647 100ul  
 #C56239-AF680 100ul #C56239-AF750 100ul #C56239-Biotin 100ul

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## Description

Product Name	GABA B Receptor 1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	GABA B Receptor 1 Antibody detects endogenous levels of total GABA B Receptor 1
Immunogen Description	A synthesized peptide derived from human GABA B Receptor 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GABA-B receptor 1; GABA-B-R1; GABAB R1; GABAB subunit 1c; GABABR1; GABBR1 3; Gamma aminobutyric acid (GABA) B receptor 1; Gb1; GPRC3A;
Accession No.	Uniprot:Q9UBS5
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	108kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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Receptor for GABA. The activity of this receptor is mediated by G-proteins that inhibit adenylyl cyclase activity, stimulates phospholipase A2, activates potassium channels, inactivates voltage-dependent calcium-channels and modulates inositol phospholipids hydrolysis. Plays a critical role in the fine-tuning of inhibitory synaptic transmission.

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Note: This product is for in vitro research use only