# antibodies .- online.com





# anti-GABRE antibody (AA 54-150) (AbBy Fluor® 647)



Go to Product page

( )	11/0	K\ /	iew
	$\cup$	'I V/I	$I \cap VV$

Quantity:	100 μL	
Target:	GABRE	
Binding Specificity:	AA 54-150	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GABRE antibody is conjugated to AbBy Fluor® 647	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human GABARE/GABA Receptor Epsilon	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse	
Purification:	Purified by Protein A.	

# **Target Details**

Target:	GABRE
Alternative Name:	GABARE/GABA Receptor Epsilon (GABRE Products)
Background: Synonyms: GABAA receptor epsilon, GABAA receptor subunit epsilon, Gabre, Gamma	

aminobutyric acid GABA A receptor epsilon, Gamma aminobutyric acid receptor subunit epsilon, Gamma-aminobutyric acid receptor subunit epsilon, GBRE\_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 CI- 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.

Pathways:

Synaptic Membrane

#### **Application Details**

Application Notes:	

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 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:	ProClin
Precaution of Use:	This product contains ProClin: 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