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Datasheet for ABIN1386029 **anti-GABRE antibody (AA 54-150)**

Overview

Quantity:	100 µL
Target:	GABRE
Binding Specificity:	AA 54-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRE antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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)

Target Details

Background:	<p>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.</p> <p>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.</p>
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Pathways:	Synaptic Membrane
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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