Datasheet for ABIN1429544

anti-GABRA6 antibody (PE-Cy7)

Go to Product page

Overview

Quantity:	100 µL
Target:	GABRA6
Reactivity:	Human, Rat, Mouse, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRA6 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GABRA6/GABA A Receptor alpha 6
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GABRA6
Alternative Name:	GABRA6/GABA A Receptor alpha 6 (GABRA6 Products)
Background:	Synonyms: GABA A, GABA A Receptor alpha 6 polypeptide, GABA A receptor alpha 6, GABA A receptor subunit alpha 6, GABA subunit A receptor alpha 6, GABAA receptor subunit alpha-6, GABRA 6, GABRA6, Gamma aminobutyric acid A receptor alpha 6, Gamma aminobutyric acid GABA A receptor alpha 6, Gamma aminobutyric acid receptor subunit alpha 6, Gamma-

Target Details

	aminobutyric acid receptor subunit alpha-6, GBRA6_HUMAN, MGC116903, MGC116904. 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 gamma , GABAA R delta. 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.
Molecular Weight:	49kDa
Gene ID:	2559
UniProt:	Q16445
Pathways:	Synaptic Membrane

Application Details

Application Notes:	FCM(1:100-500) Optimal working dilution should be determined by the investigator.
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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months