GABAB R1 rabbit pAb

Cat#: orb768302 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	GABAB R1 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Guinea pig
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GABBR1. AA range:891-940
Specificity	GABAB R1 Polyclonal Antibody detects endogenous levels of GABAB R1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gamma-aminobutyric acid type B receptor subunit 1
Gene Name	GABBR1
Cellular localization	Cell membrane ; Multi-pass membrane protein . Cell junction, synapse, postsynaptic cell membrane ; Multi-pass membrane protein . Cell projection, dendrite . Colocalizes with ATF4 in hippocampal neuron dendritic membranes (By similarity). Coexpression of G
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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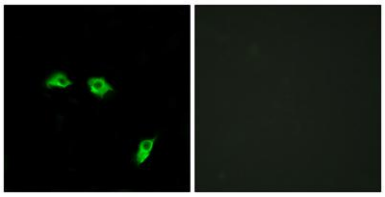
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	108kD
Human Gene ID	2550
Human Swiss-Prot Number	Q9UBS5
Alternative Names	GABBR1; GPRC3A; Gamma-aminobutyric acid type B receptor subunit 1; GABA-B receptor 1; GABA-B-R1; GABA-BR1; GABABR1; Gb1
Background	This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jan 2016],



Immunofluorescence analysis of HeLa cells, using GABBR1 Antibody. The picture on the right is blocked with the synthesized peptide.

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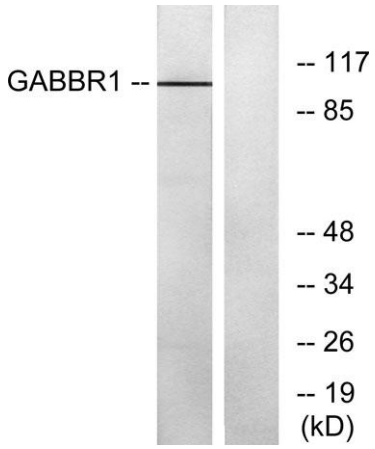

Western blot analysis of lysates from K562 cells, using GABBR1 Antibody. The lane on the right is blocked with the synthesized peptide.

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