

Product name:	GABA A receptor alpha-2
Cat number:	AB-83890
Conjugate:	Unconjugated
Size:	100 ul
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human GABRA2.
Reactivity:	Hu, Ms,
Applications:	Western Blot: 1:500 - 1:2000
Molecular Weight:	50kDa
Purification:	Purified
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.
Background:	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively, spliced transcript variants encoding different isoforms have been found for this gene.