

## GABA A Receptor $\alpha 4$ rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14846	Rabbit	1 mg/ml	
<b>Applications</b>	WB,IHC		
<b>Reactivity</b>	Human,Rat,Mouse		
<b>Dilution</b>	WB 1:1000-2000, IHC 1:100-200		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	GABA A Receptor $\alpha 4$ protein(A226) detects endogenous levels of GABA A Receptor $\alpha 4$		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.		
<b>Immunogen</b>	Synthetic Peptide of GABA A Receptor $\alpha 4$		
<b>Uniprot No</b>	P48169		
<b>Alternative names</b>	GABRA4; Gamma-aminobutyric acid receptor subunit alpha-4; GABA(A) receptor subunit alpha-4		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<p>gamma-aminobutyric acid type A receptor alpha4 subunit(GABRA4) Homo sapiens Gamma-aminobutyric acid (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. This gene encodes subunit alpha-4, which is involved in the etiology of autism and eventually increases autism risk through interaction with another subunit, gamma-aminobutyric acid receptor beta-1 (GABRB1). Alternatively spliced transcript variants encoding different isoforms have been found in this gene.[provided by RefSeq, Feb 2011],</p>		
<b>Other</b>	GABRA4, Gamma-aminobutyric acid receptor subunit alpha-4 (GABA(A) receptor subunit alpha-4)		

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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