# SY SY Synaptic Systems

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## GABA-A receptor y2

Cat.No. 224 006; Polyclonal chicken antibody, 50 µg specific antibody (lyophilized)

### **Data Sheet**

Reconstitution/ Storage	50 μg purified IgY, lyophilized. Ovalbumin was added for stabilization. For reconstitution add 50 μl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. <b>Before storing at -20°C add 1 vol of glycerol.</b>
Applications	WB: 1 : 1000 up to 1 : 5000 (AP staining) (see remarks) IP: not tested yet ICC: 1 : 500 IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Synthetic peptide corresponding to AA 39 to 67 from mouse GABA-A receptor $\gamma 2$ (UniProt Id: P22723)
Reactivity	Reacts with: mouse (P22723), rat (P18508). Other species not tested yet.
Specificity	Specific for GABA-A receptor γ2. Does not discriminate between the L and S form.
matching control	224-0P
Remarks	<b>WB</b> : This protein aggregates after boiling, making it necessary to run SDS-PAGE with non-boiled samples.

#### TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

**G**amma-**a**mino**b**utyric **a**cid type **A** (**GABA-A**) receptors mediate the majority of inhibitory neurotransmission in the brain. These receptor proteins are ligand gated chloride ion channels and consist of a pentameric combination of different subunits (alpha, beta, **gamma**, delta, epsilon and rho). The resulting heterogenous population of GABA-A receptor subtypes are expressed throughout the brain with specific cellular and subcellular expression patterns.

#### **Selected General References**

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