

## GABA transporter 3

**Cat.No. 274 302; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)**

### Data Sheet

Reconstitution/ Storage	200 µl antiserum, lyophilized. For reconstitution add 200 µl H <sub>2</sub> O, then aliquot and store at -20°C until use.
Applications	<b>WB:</b> 1 : 1000 (AP staining) (see remarks) <b>IP:</b> yes <b>ICC:</b> not tested yet <b>IHC:</b> not tested yet <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Synthetic peptide corresponding to AA 612 to 627 from mouse GABA transporter3 (UniProt Id: P31650)
Reactivity	Reacts with: rat (P31647), mouse (P31649). Other species not tested yet.
Specificity	Specific for GAT&nbsp;3.
matching control	274-3P
Remarks	<b>WB:</b> GAT 3 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**

γ-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. After the release of GABA from synaptic vesicles into the synaptic cleft during neurotransmission, **GABA transporters** (GATs) remove extracellular GABA by reuptake into the presynaptic terminal.

Three GABA transporters are described so far of which only GAT 1 and GAT 3 are expressed in the brain.

### Selected General References

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Protein kinase C regulates the interaction between a GABA transporter and syntaxin 1A.  
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