

DAT

Cat.No. 284 006; 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 ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. Before storing at -20°C add 1 vol of glycerol.
Applications	WB: not recommended IP: not tested yet ICC: not tested yet IHC: 1 : 500 IHC-P/FFPE: 1 : 500 (see remarks)
Immunogen	Synthetic peptide corresponding to AA 7 to 22 from rat DAT (UniProt Id: P23977)
Reactivity	Reacts with: mouse (Q01959), rat (P23977). Other species not tested yet.
Specificity	Specific for DAT.
Remarks	IHC-P: Requires heat mediated antigen retrieval with 10 mM Tris pH 9.0, 1 mM EDTA and 0.05% Tween 20.

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

During neurotransmission neurotransmitters like GABA, glycine, glutamate, dopamine, etc. are released from synaptic vesicles into the synaptic cleft. The dopamine active transporter (**DAT**) translocates the neurotransmitter dopamine back into the cytoplasm of the neuron.

Selected General References

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