

Tyrosine hydroxylase

Cat.No. 213 106; 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: 1 : 1000 AP-staining IP: not tested yet ICC: not tested yet IHC: 1 : 500 up to 1 : 1000 IHC-P/FFPE: 1 : 2000
Immunogen	Recombinant protein corresponding to AA 1 to 163 from rat TyrH (UniProt Id: P04177)
Reactivity	Reacts with: rat (P04177), mouse (P24529). Other species not tested yet.
Specificity	Specific for tyrosine hydroxylase without cross-reactivity to tryptophane hydroxylase.

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

Tyrosine hydroxylase is one of the key enzymes in the synthesis pathway of catecholamines like adrenalin, noradrenalin and dopamin and is frequently used as a marker for dopaminergic neurons. This neuronal subpopulation is especially affected in Parkinson's disease.

Selected General References

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