

Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS13 2696** TH | Tyrosine Hydroxylase

Product information

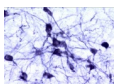
Background	Tyrosine hydroxylase (TH) is the rate-limiting enzyme in the synthesis of the catecholamines dopamine, epinephrine and norepinephrine. Therefore the regulation of the TH enzyme represents the central means for controlling the synthesis of these important catecholamines. It plays an important role in the physiology of adrenergic neurons.
Immunogen	A synthetic peptide as part of human Tyrosine Hydroxylase conjugated to KLH. The peptide is homologous with the corresponding sequence derived from TH protein in rat.
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 µl of sterile water.
Storage	After reconstitution keep aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
Tested applications	Immunohistochemistry (IHC)

Application information

Recommended dilution	1 : 2000-1 : 5000. This is a superb antibody for detection of tyrosine hydroxylase containing neurons exhibiting an intense labelling with a negligible background. This antiserum has proven extremely useful for staining of catecholaminergic neurons. It stains nicely and intensely dendritic processes and fine nerve terminals. We recommend mouse or rat brain containing catecholaminergic neurons as a positive control for this antibody, for example brain stem or striatum. Optimal dilutions/concentrations should be determined by the end user.
Confirmed reactivity	Rat, Mouse and guinea pig

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Application example



Immunohistochemical staining of catecholaminergic neurons in the rat brain stem.