

Product datasheet for **AP05922PU-N**

Th Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunohistochemistry on frozen sections: 1:1000. Western Blot: 1:1000; detects a band of approximately 60kDa in rat caudate cell lysates. Immunofluorescence: 1:1000.
Reactivity:	Mammalian, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Tyrosine hydroxylase purified from pheochromocytoma.
Specificity:	This antibody is specific for Tyrosine hydroxylase (TH).
Formulation:	10mM HEPES, pH7.5 containing 0.09% Sodium Azide, 0.01% Bovine Serum Albumin and 50% Glycerol State: Purified State: Liquid purified Ig
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tyrosine hydroxylase
Database Link:	Entrez Gene 25085 Rat P04177



[View online »](#)

Background:	<p>Tyrosine hydroxylase catalyses the rate-limiting step in the biosynthetic pathway of the catecholamines dopamine (DA), norepinephrine, and epinephrine. The enzyme exists as a tetramer, with each subunit composed of an N-terminal regulatory domain and a C-terminal catalytic domain.</p> <p>Tyrosine hydroxylase is regularly used as a marker for dopaminergic neurons, which is particularly relevant for research into Parkinson</p>
Synonyms:	Tyrosine 3-hydroxylase, TYH