



# Anti-TH (aa 200-300) polyclonal antibody (DPABH-06078)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Plays an important role in the physiology of adrenergic neurons.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 200 - 300 of Human Tyrosine Hydroxylase.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-FoFr, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TH tyrosine hydroxylase [ Homo sapiens ]</a>
<b>Official Symbol</b>	TH
<b>Synonyms</b>	TH; tyrosine hydroxylase; TYH; DYT14; DYT5b; tyrosine 3-monooxygenase; dystonia 14; tyrosine 3-hydroxylase;
<b>Entrez Gene ID</b>	<a href="#">7054</a>
<b>Protein Refseq</b>	<a href="#">NP_000351.2</a>
<b>UniProt ID</b>	<a href="#">P07101</a>
<b>Pathway</b>	ATF-2 transcription factor network; Alcoholism; Amine-derived hormones; Amphetamine addiction
<b>Function</b>	amino acid binding; dopamine binding; ferric iron binding; ferrous iron binding