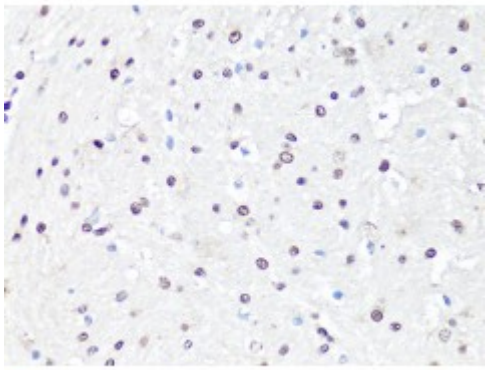
Anti-TH Antibody



Description	The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Model	STJ114629
Host	Rabbit
Reactivity	Mouse, Rat
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human TH (NP_000351.2).
Gene ID	7054
Gene Symbol	TH
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Tissue Specificity	Mainly expressed in the brain and adrenal glands
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Tyrosine 3-monooxygenase
Molecular Weight	58.6 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11782OMIM:191290Reactome:R-HSA-209905
Alternative Names	Tyrosine 3-monooxygenase
Function	Plays an important role in the physiology of adrenergic neurons