TH Polyclonal Antibody

Catalog No	YP-Ab-02792
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC-p;IF/ICC;ELISA
Gene Name	TH
Protein Name	Tyrosine 3-monooxygenase
Immunogen	The antiserum was produced against synthesized peptide derived from human Tyrosine Hydroxylase. AA range:41-90
Specificity	TH Polyclonal Antibody detects endogenous levels of TH protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TH; TYH; Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase; TH
Observed Band	55
Cell Pathway	Cytoplasm, perinuclear region . Nucleus . Cell projection, axon . Cytoplasm . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle . When phosphorylated at Ser-19 shows a nuclear distribution and when phosphorylated at Ser-31 as well at Ser-40 shows a cytosolic distribution (By similarity). Expressed in dopaminergic axons and axon terminals. .
Tissue Specificity	Mainly expressed in the brain and adrenal glands.
Function	
Background	
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images