# TH Recombinant antibody

**Cat:B20001R**

**Company：** HaoKebio

**Uniprot ID:**P07101

**Organism:**Rabbit

**Species reactivity:**Human Mouse Rat

**Applications:** IHC:1:100-1:400
IHC-Polymer:1:400-1:1600
IHC-TSA:1:500-1:2000
WB:1:2000-1:20000

**Background:**

TH(Tyrosine 3-monooxygenase) converts L-tyrosine to L-3,4-dihydroxyphenylalanine (L-DOPA), the essential and rate-limiting step to formation of dopamine and other catecholamines. TH plays an important role in the physiology of adrenergic neurons and can be used as a marker for dopaminergic and noradrenergic neurons. This protein has 6 isoforms produced by alternative splicing with the MW from 44 kDa to 58 kDa.

**Protein full name:**

tyrosine hydroxylase

**Synonyms:**

tyrosine hydroxylase, DYT14, DYT5b, EC:1.14.16.2, TYH

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

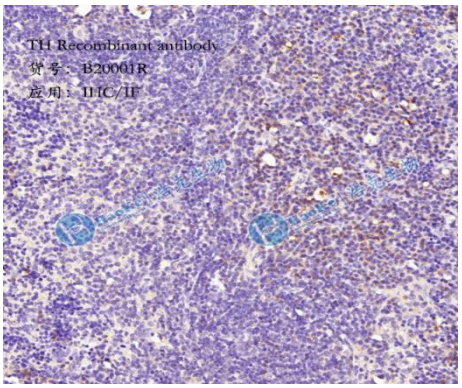
**Storage:**

Store at -20 ℃ for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 6.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**




Sample: Mouse spleen, 4% PFA 12-24h

**Source of Reagents:**

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